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SUMMARIES OF FOREIGN GOVERNMENT ENVIRONMENTAL REPORTS, NUMBER 37

Environmental Protection Agency
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SUMMARIES

SUMMARIES OF FOREIGN GOVERNMENT ENVIRONMENTAL REPORTS

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FOREWORD

Under a series of documents exchange agreements with environmental agencies in other countries, EPA is building a collection of environmental reports issued by foreign governments and international organizations. This is a monthly announcement listing of foreign documents received through the exchange agreements.

The original documents can be obtained through the Library Systems Branch (see back page for order form). More detailed English abstracts can be provided when required. Full text translations, which are expensive, should be requested only when essential for operation of EPA programs. Translation Services Requisition form #1350-1 is used to request translations.

A computerized search system is being developed which will allow future retrieval of these summaries by:

a. country
b. subject area
   - air
   - water
   - noise
   - pesticides
   - radiation
   - solid waste management

c. type of document
   - legal/legislative/regulatory
   - management/planning
   - socio-economic

This series, devoted to summaries of government reports and other pertinent literature and focusing on the legislative, organizational, economic, and social aspects of environmental protection, supplements foreign scientific and technical literature abstracted by other EPA information services.

APTIC	PIC
SWIRS	NOISE

Ultimately, EPA plans to assemble a major collection of foreign government environments documents and to develop several approaches to the dissemination of this information to EPA staff. This announcement of documents received is the first step.

Office of Planning and Management — Office of International Activities

U. S. Environmental Protection Agency
Washington, D. C. 20460

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GERMANY,FED REP OF
LR(B)

"LEADED GASOLINE LAW REDUCED IN STRINGENCY." DIE WELT
MELDER, HANS-JOACHIM
GERMAN 05/27/75 PGS 3 EPA ID# 01312C

THIS ARTICLE STATES THAT ALTHOUGH THE LEADED GASOLINE LAW OF THE FEDERAL REPUBLIC OF GERMANY SETS THE LEAD CONTENT OF GASOLINE AT 0.15 GRAMS PER LITER FROM JANUARY 1, 1976, GREATER AMOUNTS MAY BE PERMITTED IN SOME CASES. AN AMENDMENT OF THE LAW, PREPARED BY THE FEDERAL MINISTRY OF THE INTERIOR, PROVIDES THAT DURING A TRANSITION PERIOD OF UP TO TWO YEARS, GASOLINE WITH A LEAD CONTENT OF 0.15 TO 0.25 GRAMS PER LITER MAY BE MARKETED IN RETURN FOR A FEE OF ONE GERMAN PENNY PER LITER. THOSE WHO SELL GASOLINE WITH AN EVEN HIGHER LEAD CONTENT WILL BE REQUIRED TO PAY A FEE OF TWO PENNIES PER LITER. THIS PROVISION, MADE AFTER GOVERNMENT DISCUSSIONS WITH PETROLEUM AND AUTOMOBILE INDUSTRY REPRESENTATIVES, IS INTENDED TO MAINTAIN THE COMPETITIVE POSITION OF SMALLER PETROLEUM SUPPLIERS AND DEALERS AND TO ENSURE THE SUPPLY OF GASOLINE.

GERMANY,FED REP OF
PM(A)

ARBEITSPROGRAMM 1975 DER LANDESANSTALT FUER UMWELTSCHUTZ BADEN-WUERTTEMBERG
(WORKING PROGRAM 1975 OF THE STATE OFFICE FOR ENVIRONMENTAL PROTECTION OF BADEN-WUERTTEMBERG)
BADEN WUERTTEMBERG. OFFICE FOR ENVIRONMENTAL PROTECTION EPA
GERMAN 03/07/75 PGS 1-6 ID# 02983A
*GENERAL NOISE RADIATION WATER

GERMANY,FED REP OF
PM(B)

IMMISSIONS-KONZENTRATIONSMESSUNGEN - FEBRUAR 1975 (AIR QUALITY CONCENTRATION MEASUREMENTS - FEBRUARY 1975)
BADEN-WUERTTEMBERG. OFFICE OF ENVIRONMENTAL PROTECTION EPA
GERMAN 02/00/75 PGS 1-7 ID# 03009A
ALSO ST

THIS PUBLICATION, ONE OF A MONTHLY SERIES, PRESENTS THE FINDINGS OF AIR POLLUTION MEASUREMENTS IN THE FEDERAL STATE OF BADEN-WUERTTEMBERG FOR THE MONTH OF FEBRUARY 1975. SULFUR DIOXIDE AND NITROGEN DIOXIDE ARE USED AS INDICATORS FOR OTHER POLLUTANTS, ALTHOUGH THE FIRST PART OF A STATE-WIDE AUTOMATED SYSTEM IN OPERATION IN MANNHEIM ALSO MEASURES OTHER SUBSTANCES. THE EVALUATION AND PRESENTATION OF THE DATA ARE PERFORMED IN ACCORDANCE WITH PRESCRIPTIONS OF THE FEDERAL GOVERNMENT'S SEPTEMBER 4, 1974 TECHNICAL GUIDELINES FOR MAINTENANCE OF AIR PURITY. APPENDED TABLES SHOW ONE-HALF HOUR MEAN VALUES FOR THE POLLUTANTS MEASURED, THE DISTRIBUTION OF THE INTEGRATED FREQUENCY OF THE MEANS, AND THE HIGHEST MEAN VALUES FOR THREE, TWELVE, AND TWENTY-FOUR HOUR PERIODS. A FINAL TABLE EVALUATES DATA ON THE BASIS OF THE MANNHEIM-LUDWIGSHAFEN AIR QUALITY WARNING PLAN. (ATTACHED ARE SIMILAR REPORTS FOR DECEMBER 1974 AND JANUARY 1975.)

GREAT BRITAIN

LR(B)

"THE ALKALI INSPECTORATE. THE CONTROL OF INDUSTRIAL AIR POLLUTION." SOCIAL AUDIT. A SPECIAL REPORT
FRANKEL, MAURICE
ENGLISH 00/00/74 PGS 1-48 EPA
ALSO SE ID# 02978A

THIS PUBLICATION DISCUSSES THE ATTRIBUTES OF THE ALKALI ACTS AND THE ROLE OF THE BRITISH ALKALI INSPECTORATE IN CONTROLLING INDUSTRIAL AIR POLLUTION IN ENGLAND. THE FIRST CHAPTER DISCUSSES THE HISTORY OF THE ALKALI ACT, WHILE SUBSEQUENT CHAPTERS DISCUSS OFFICIAL POLICIES CONCERNING INDUSTRIAL AIR POLLUTION, ENFORCEMENT PROCEDURES, THE CEMENT INDUSTRY, INDUSTRIAL AND PUBLIC RELATIONS WITH THE INSPECTORATE, AND THE ROLE OF LOCAL AUTHORITIES IN CONTROLLING INDUSTRIAL AIR POLLUTION. POINTING OUT A DISCREPANCY BETWEEN THE THEORY AND ACTUAL PRACTICE IN THE INSPECTORATE'S CONTROL OF POLLUTION, THE PUBLICATION CONCLUDES THAT THE CLOSE INTERRELATIONSHIP BETWEEN THE INSPECTORATE AND THE INDUSTRIAL COMMUNITY TENDS TO SERVE INDUSTRIAL RATHER THAN ENVIRONMENTAL OR PUBLIC INTERESTS.

GREAT BRITAIN

LR(B)

TOWARDS CLEANER AIR. A REVIEW OF BRITAIN'S ACHIEVEMENTS
GREAT BRITAIN. CENTRAL OFFICE OF INFORMATION EPA
ENGLISH 00/00/73 PGS 1-34 ID# 02987A
ALSO PMB, PMA AND SE

THIS PUBLICATION, PREPARED BY THE BRITISH CENTRAL OFFICE OF INFORMATION FOR THE DEPARTMENT OF THE ENVIRONMENT AND THE BRITISH OVERSEAS TRADE BOARD, PRESENTS A REVIEW OF BRITAIN'S PAST AND PRESENT ACHIEVEMENTS IN CONTROLLING AIR POLLUTION. THE ALKALI AND CLEAN AIR ACTS AS WELL AS OTHER LEGISLATION APPLICABLE TO CONTROLLING THE DIFFERENT SOURCES OF AIR POLLUTION ARE DISCUSSED, AND THE GRADUAL BUT STEADY IMPROVEMENT OF BRITISH AIR QUALITY OVER THE LAST TWO DECADES IS NOTED. CAUSES OF AIR POLLUTION AND THE AGENCIES WHICH HAVE BEEN CREATED TO COMBAT AIR POLLUTION ARE ALSO DISCUSSED. OTHER CHAPTERS DESCRIBE PLANNING DESIGN POLICIES FOR PREVENTING AIR POLLUTION FROM DIFFERENT INDUSTRIES, ATMOSPHERIC DISPERSION OF POLLUTANTS, EFFECTS OF AIR POLLUTION ON PLANTS AND MATERIALS, AND POLLUTION CONTROL EQUIPMENT. APPENDIXES TO THE PUBLICATION CONTAIN STATISTICS ON THE COSTS OF AIR POLLUTION AND LISTS OF ORGANIZATIONS ENGAGED IN CONTROLLING AIR POLLUTION.

GREAT BRITAIN

PM(B)

THE MONITORING OF THE ENVIRONMENT IN THE UNITED KINGDOM
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA
ENGLISH 00/00/74 PGS 1-66 ID# 02968A
*WATER SOLID WASTE RADIATION

AIR

GREAT BRITAIN

PM(B)

CLEAN AIR TODAY
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA
ENGLISH 00/00/74 PGS 1-37 ID# 03000A
ALSO PMA AND LRB

THIS PUBLICATION OF THE BRITISH DEPARTMENT OF THE ENVIRONMENT IS INTENDED TO INFORM THE PUBLIC OF BRITISH ACCOMPLISHMENTS IN ABATING AIR POLLUTION SINCE WORLD WAR II. THE MOST IMPORTANT FACTOR CONTRIBUTING TO SUCCESSFUL AIR POLLUTION CONTROL IS THE COOPERATION BETWEEN LOCAL AND CENTRAL GOVERNMENT AND BETWEEN INDUSTRY AND THE CLEAN AIR AND ALKALI INSPECTORATE. A HISTORICAL LOOK AT AIR POLLUTION IN ENGLAND IS GIVEN, AND SUBSEQUENT LEGAL AND ADMINISTRATIVE ACTIVITIES RELATING TO THE CREATION OF THE ALKALI INSPECTORATE, THE CONTROL OF NON-REGISTERED INDUSTRY, DOMESTIC SMOKE CONTROL, AND THE CONTROL OF MOTOR VEHICLE EXHAUSTS AND SULFUR DIOXIDE EMISSIONS ARE DISCUSSED. AIR POLLUTION MONITORING AND THE CORRELATION BETWEEN CLEANER AIR AND IMPROVEMENT IN PUBLIC HEALTH ARE OTHER TOPICS CONSIDERED. IN CONCLUSION, THE PROPER PERSPECTIVE OF AIR POLLUTION CONTROL IN REGARD TO OVERALL ECONOMIC AND ENVIRONMENTAL ENDEAVORS IS CITED AS WELL AS FUTURE DIRECTIONS OF AIR POLLUTION CONTROL.

GREAT BRITAIN

PM(B)

NATIONAL SURVEY OF AIR POLLUTION 1961-1971, VOLUME 1
GREAT BRITAIN. DEPARTMENT OF TRADE AND INDUSTRY EPA
ENGLISH 00/00/72 PGS 1-195 ID# 03007A
ALSO SE

VOLUME ONE OF THE NATIONAL SURVEY OF AIR POLLUTION WAS PUBLISHED BY THE WARREN SPRING LABORATORY OF THE BRITISH DEPARTMENT OF TRADE AND INDUSTRY. IT ASSEMBLES THOSE RESULTS AND CONCLUSIONS OF THE NATIONAL AIR POLLUTION SURVEY PERTAINING TO THE GENERAL AIR POLLUTION SITUATION IN GREAT BRITAIN AND TO THE SPECIFIC SITUATION IN THE GREATER LONDON AREA AND IN THE SOUTH EAST REGION OF THE COUNTRY, DURING THE PERIOD 1961-1971. THE OBJECTIVES AND PROCEDURES OF THE NATIONAL SURVEY ARE SET FORTH IN THE GENERAL INTRODUCTION TO THE VOLUME. FOLLOWING THE INTRODUCTION, A GENERAL SUMMARY AND ANALYSIS OF SMOKE AND SULFUR DIOXIDES IN THE ATMOSPHERE OVER GREAT BRITAIN ARE GIVEN, AND SUBSEQUENT SECTIONS OF THE VOLUME PROVIDE MORE SPECIFIC ANALYSES OF SURVEY INFORMATION OBTAINED IN THE GREATER LONDON AREA AND IN SEVERAL PARTS OF SOUTH EAST ENGLAND. REFERENCES, A BIBLIOGRAPHY AND TABULATED STATISTICS ON AIR POLLUTION READINGS AND TRENDS ARE ALSO CONTAINED IN THE VOLUME.

GREAT BRITAIN
SE(1)

ENERGY AND THE ENVIRONMENT
GREAT BRITAIN. ROYAL SOCIETY OF ARTS EPA
ENGLISH 07/00/74 PGS 1-45 ID# 02984A
ALSO PMB AND LRB
*WATER RADIATION LAND USE

ISRAEL
PM(B)

"AIR POLLUTION CONTROL PROGRAM." ISRAEL ENVIRONMENT BULLETIN, VOL. 2, NO. 2
ISRAEL. ENVIRONMENTAL PROTECTION SERVICE EPA
ENGLISH 04/00/75 PGS 6 ID# 03003A
ALSO PMA

THIS ARTICLE CONCERNS THE ESTABLISHMENT OF A NATIONAL AIR POLLUTION CONTROL PROGRAM IN ISRAEL. AIR POLLUTION ASSESSMENT STUDIES CONDUCTED OVER THE NEXT TWO YEARS IN FIVE CITIES (HAIFA, JERUSALEM, TEL AVIV, ASHDOD, AND BEER-SHEVA) WILL RESULT IN A DATA BASE FOR DEVELOPING URBAN AIR POLLUTION CONTROL PROGRAMS AND ADMINISTRATIVE ARRANGEMENTS FOR AIR POLLUTION MANAGEMENT. UNDER THE NATIONAL PLAN, THE MUNICIPAL GOVERNMENTS WILL BE MAINLY RESPONSIBLE FOR ADMINISTRATION OF AIR POLLUTION CONTROL PROGRAMS. THE MAIN FUNCTIONS OF THE NATIONAL GOVERNMENT WILL BE CONTROL AND ADVISORY SUPPORT OF MUNICIPAL PROGRAMS AND THE EXERCISING OF CONTROL MEASURES ON POLLUTION SOURCES COMMON TO THE WHOLE COUNTRY.

MEXICO
LR(B)

"65 PERCENT OF HIGHLY POLLUTING INDUSTRY CONTROLLED, VIZCAINO." EXCELSIOR
EPA
SPANISH 08/25/75 PGS 4A ID# 01645H
ALSO PMB

THIS ARTICLE REPORTS ON STATEMENTS MADE BY THE SUBSECRETARY FOR ENVIRONMENTAL IMPROVEMENT OF THE MEXICAN SECRETARIAT OF HEALTH AND WELFARE CONCERNING GOVERNMENT CONTROL OF AIR POLLUTION. OFFICIAL ACTIONS IN COMBATING AIR POLLUTION HAVE NOW RESULTED IN THE CONTROL OF 65 PERCENT OR 46,800 OF THE 72,000 HIGHLY POLLUTING INDUSTRIAL PLANTS. IT IS EXPECTED THAT THE REMAINDER OF THE HIGHLY POLLUTING PLANTS WILL BE BROUGHT UNDER CONTROL BY 1976 ALONG WITH ANOTHER 28,000 LESSER POLLUTING ESTABLISHMENTS IN MEXICO. OTHER STATISTICS CITED IN THE ARTICLE ARE: ONLY 60 SMOKE-EMITTING CHIMNEYS ARE STILL UNCONTROLLED IN MEXICO CITY OUT OF THE 22,000 POLLUTING CHIMNEYS IN EXISTENCE WHEN ENFORCEMENT ACTIONS WERE BEGUN; TEN PERCENT OF MEXICAN INDUSTRIALISTS HAVE BEEN REMISS IN OBEYING AIR POLLUTION REGULATIONS, RESULTING IN THE IMPOSITION OF FINES TOTALING FIVE MILLION PESOS. THE ARTICLE ALSO REPORTS THAT OFFICIAL CAMPAIGNS WILL SOON BE STARTED IN MEXICO CITY IN COOPERATION WITH LOCAL AUTHORITIES TO CONTROL EXCESSIVELY POLLUTING AUTOMOBILES.

MEXICO

"POLLUTION FROM FUMES AND DUST HAS DROPPED 46 PERCENT SINCE 1972, AFFIRMS VIZCAINO MURRAY." EXCELSIOR
ARTEAGA, RENE
LR(B) SPANISH 07/04/75 PGS 4A, 5A EPA
ALSO PMB ID# 01645J

THIS ARTICLE REPORTS ON STATEMENTS MADE BY THE MEXICAN SUBSECRETARY FOR ENVIRONMENTAL IMPROVEMENT CONCERNING CONTINUING GOVERNMENT EFFORTS TO CONTROL AIR POLLUTION. SINCE 1972 THERE HAS BEEN A 46 PERCENT DROP IN AIR POLLUTION IN MEXICO CITY. OF THE 22,000 ACTIVE CHIMNEYS IN THE CITY, ONLY 60 REMAIN UNCONTROLLED. 58,000 LARGE INDUSTRIAL ESTABLISHMENTS HAVE INITIATED SIGNIFICANT ABATEMENT ACTIVITIES, AND THIS NUMBER WILL HAVE INCREASED TO 72,000 BY NOVEMBER 1975 AND 100,000 BY THE END OF 1976. TO DATE, 1,100 POLLUTION FINES HAVE BEEN LEVIED ACCOUNTING FOR 6.5 MILLION PESOS. RADIO-EQUIPPED TEAMS FOR MONITORING VEHICLE POLLUTION, EACH CONSISTING OF A POLICEMAN AND A TECHNICIAN, WILL BEGIN PATROLLING THE STREETS OF MEXICO CITY AND WILL BE EMPOWERED TO SERVE NOTICES OR LEVY FINES AGAINST OWNERS OF EXCESSIVELY POLLUTING VEHICLES. OTHER TOPICS MENTIONED INCLUDE THE ESTABLISHMENT OF AN AIR POLLUTION MONITORING NETWORK AND RESEARCH BY PETROLEOS MEXICANOS IN DESULFURIZING DIESEL FUEL.

OECD

"PHOTOCHEMICAL SMOG." THE OECD OBSERVER
PM(B) ENGLISH 05/00/75 PGS 34-37 EPA
ALSO SE ID# 02993A

THIS ARTICLE DISCUSSES PHOTOCHEMICAL SMOG IN AUSTRALIA, JAPAN AND THE UNITED STATES AND IS BASED ON A COMPARATIVE REPORT ENTITLED "AIR POLLUTION BY PHOTOCHEMICAL OXIDANTS" PREPARED BY THE ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT. PHOTOCHEMICAL SMOG CONSISTS OF TOXIC COMPOUNDS, INCLUDING OZONE, NITROGEN DIOXIDE, PEROXYACETYL NITRATE AND SMALL PARTICLES, OXIDIZED IN THE ATMOSPHERE IN DIRECT SUNLIGHT AS A RESULT OF REACTIONS BETWEEN SUCH ORGANIC COMPOUNDS AS HYDROCARBONS AND OXIDES OF NITROGEN. EFFORTS ARE UNDERWAY IN THE COUNTRIES CONSIDERED TO MORE ACCURATELY PREDICT THE WORSENING OF A SMOG SITUATION OR THE OCCURRENCE OF SMOG WHERE IT DOES NOT ALREADY EXIST. PREVENTION CENTERS ON REDUCTION OF THE PRIMARY POLLUTANTS (SMOG PRECURSORS) IN AMBIENT AIR THROUGH EMISSIONS CONTROL. ABATEMENT PROCEDURES DESCRIBED ARE FOR CONTROL OF NITROGEN OXIDES AND HYDROCARBON EMISSIONS FROM MOTOR VEHICLES AND FROM STATIONARY SOURCES. ESTIMATES OF THE COSTS OF PHOTOCHEMICAL SMOG CONTROL IN THE COUNTRIES ARE GIVEN.

OECD "BETTER TOWNS WITH LESS TRAFFIC." THE OECD OBSERVER

PM(B) ENGLISH 05/00/75 PGS 31-34 EPA ID# 02995A
ALSO SE
NOISE

THIS ARTICLE DISCUSSES CASE STUDIES OF TRAFFIC MANAGEMENT PROGRAMS IN SEVEN CITIES OF OVER 100,000 PERSONS (BESANCON, BOLOGNA, MUNICH, NAGOYA, NOTTINGHAM, SINGAPORE, AND UPPSALA) CONSIDERED AT A CONFERENCE OF THE ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT ON "BETTER TOWNS WITH LESS TRAFFIC." EFFORTS HAVE CENTERED ON REDUCING THE NUMBER OF CARS ENTERING THE CENTRAL CITY AND IMPROVING PUBLIC TRANSPORTATION. NOTTINGHAM IMPOSES A TIME PENALTY ON VEHICLES COMING INTO THE CITY THROUGH THE REGULATION OF TRAFFIC SIGNALS. SINGAPORE IMPOSES A COST PENALTY BY REQUIRING A SPECIAL LICENSE AT EXTRA COST FOR VEHICLES ENTERING THE CITY AND RAISING PARKING COSTS. NAGOYA HAS 62 KILOMETERS OF BUS LANES AND 100 SQUARE KILOMETERS FREE OF THROUGH TRAFFIC IN RESIDENTIAL AREAS. NEW CONCEPTS, SUCH AS PARA-TRANSIT, THE MULTIPLE USE OF TAXIS IN RUSH HOURS, ARE BEING TRIED. NOISE AND AIR POLLUTION REDUCTIONS HAVE BEEN AMONG RESULTS OF TRAFFIC CONTROL. ECONOMIC IMPLICATIONS OF SUCH TRAFFIC REGULATIONS ARE BRIEFLY DISCUSSED IN THE ARTICLE.

SOUTH AFRICA "AN ACT (NO. 17 OF 1973) TO AMEND THE ATMOSPHERIC POLLUTION PREVENTION ACT, 1965 ..." GOVERNMENT GAZETTE

LR(A) ENGLISH 04/04/73 PGS 1-18 EPA ID# 01788F

THIS ACT INTRODUCES A NUMBER OF AMENDMENTS TO THE 1965 ATMOSPHERIC POLLUTION PREVENTION ACT TO FURTHER DEFINE CERTAIN OF THE PROVISIONS DEALING WITH FUEL BURNING APPLIANCES, THE USE OR SALE OF SOLID FUEL, AND THE REGULATION OF VEHICLE EXHAUST EMISSIONS. MINOR AMENDMENTS ARE LIKEWISE MADE TO SECTIONS DEALING WITH THE AIR POLLUTION APPEAL BOARD, RESTRICTIONS IN CONTROL AREAS, AND THE APPLICATION FOR REGISTRATION CERTIFICATES.

SWITZERLAND "MEASURES AGAINST AIR POLLUTION." NEUE ZUERCHER ZEITUNG

PM(B) GERMAN 02/04/75 PGS 43 EPA ID# 02963A

THIS ARTICLE SUMMARIZES PLANS OF THE ZURICH CANTONAL BUILDING DIRECTORATE TO PROMOTE CLEAN AIR. THE CANTON HAS ADOPTED BY ORDINANCE THE FOLLOWING NATIONAL GUIDELINES FOR THE SULFUR CONTENT OF FUEL OIL: FROM JANUARY 1, 1974, HEATING OIL CLASSIFIED AS EXTRA LIGHT MAY NOT EXCEED 0.3 PERCENT SULFUR BY WEIGHT, AND FUEL QUALITIES MEDIUM AND HEAVY MAY NOT EXCEED 1.5 PERCENT SULFUR BY WEIGHT. IN ADDITION, IN THE FUTURE INSTALLATIONS USING MORE THAN 1000 KG LIQUID OR SOLID FUEL OR MORE THAN 100 NORMAL CUBIC METERS NATURAL GAS PER HOUR MUST PREPARE AN IMMISSIONS PROGNOSIS AS PART OF THE BUILDING PERMIT APPLICATION. THE BUILDING DIRECTORATE ALSO WILL PREPARE FOR THE CANTON AN EMISSIONS MAP AND A HEATING REQUIREMENT MAP. THE LATTER WILL HELP IN PLANNING THE MOST EFFECTIVE AND LEAST POLLUTING TYPE OF HEATING IN A CONSISTENT MANNER FOR VARIOUS DISTRICTS. LARGE CENTRAL HEATING PLANTS WILL BE ENCOURAGED WHEREVER POSSIBLE. THE COST OF CLEAN AIR IS ESTIMATED AT SEVEN SWISS FRANCS PER PERSON PER YEAR FOR THE PERIOD 1971-1980.

USSR

"THE BASIS FOR A PERMISSIBLE LEVEL OF DISCHARGE OF PHTHALIC COMPOUNDS FROM POLYMERIC BUILDING MATERIALS." GIGIENA I SANITARIYA, NO. 1
ANTONYUK, O. K.
LR(B) RUSSIAN 00/00/75 PGS 108-109 EPA ID# 02986A
ALSO ST
*TOXIC SUBS

USSR

"THE THRESHOLD OF ODOR AND REFLEX ACTIVITY ON AN ORGANISM OF SMALL CONCENTRATIONS OF SELENIUM AND TELLURIUM DIOXIDES IN THE AIR." GIGIENA I SANITARIYA, NO. 2
YAKHIMOVICH, N. P.
LR(B) RUSSIAN 00/00/75 PGS 101-102 EPA ID# 03020A
ALSO ST
*TOXIC SUBS

GENERAL

BRAZIL

"ONLY THOSE WHO REFRAIN FROM POLLUTING WILL RECEIVE FINANCIAL AID; MANUFACTURE OF POLLUTANTS WILL BE PROHIBITED." O ESTADO DE SAO PAULO
LR(B) PORTUGUESE 06/27/75 PGS 1, 42 EPA ID# 02037P
ALSO PMA, PMB AND SE

THIS ARTICLE REPORTS ON THE PROVISIONS OF THE FORTHCOMING BRAZILIAN ENVIRONMENTAL LAW, WHICH WILL ESTABLISH ENVIRONMENTAL PROTECTION STANDARDS, PROSCRIBE THE MANUFACTURE, SALE OR USE OF PRODUCTS OR DEVICES HARMFUL TO THE ENVIRONMENT, AND REQUIRE THAT THE ESTABLISHMENT OF INDUSTRIES AND LOANS TO FINANCE SUCH ACTIVITIES BE APPROVED BY THE SPECIAL SECRETARIAT OF THE ENVIRONMENT. PROVISIONS ARE ALSO MADE FOR SANCTIONS OF VARYING SEVERITY AGAINST POLLUTERS, DEPENDING ON THE GRAVITY OF THE OFFENSE. IN ADDITION, THE LAW WILL ESTABLISH THE TARIFF FOR REGISTERING, RESEARCHING AND CONTROLLING POLLUTION (CONPOL) WHICH WILL BE COLLECTED ON A MONTHLY BASIS FROM PERSONS OR ENTITIES WHOSE ACTIVITIES MAY CAUSE ECOLOGICAL DAMAGE. AS PROVIDED BY THE LAW, ENVIRONMENTAL PROTECTION IS TO BE PRIMARILY A STATE GOVERNMENT FUNCTION, WHILE THE FEDERAL GOVERNMENT, THROUGH THE SPECIAL SECRETARIAT OF THE ENVIRONMENT, IS TO ACT IN A COORDINATING AND SUPERVISORY CAPACITY.

BRAZIL "THE ANTIPOLLUTION BILL." O GLOBO

LP(B) PORTUGUESE 06/11/75 PGS 16 EPA ID# 02959A
ALSO PMA AND PMB
WATER RADIATION

THIS ARTICLE DISCUSSES SOME OF THE FEATURES OF THE BRAZILIAN FEDERAL POLLUTION BILL DRAFTED BY THE SPECIAL SECRETARIAT OF THE ENVIRONMENT (SEMA) AND ALSO CONSIDERS CERTAIN OTHER PRONOUNCEMENTS OF SEMA CONCERNING ADMINISTRATION OF ENVIRONMENTAL AFFAIRS. THE FORTHCOMING LAW, CONTAINING 25 ARTICLES, WILL REPRESENT A COMPREHENSIVE STATEMENT OF POLICY ON ENVIRONMENTAL PROTECTION IN BRAZIL. THE FEDERAL GOVERNMENT'S ROLE IN A COORDINATING CAPACITY IS EMPHASIZED, WHILE EXECUTIVE POWERS OF ENVIRONMENTAL ENFORCEMENT ACTION ARE ASSIGNED TO STATE GOVERNMENTS. THE NEW LAW ALSO EMPHASIZES PLANNING AND ECONOMIC INCENTIVES IN CONTROLLING POLLUTION IN ORDER TO AVOID ANY HINDRANCES TO THE ECONOMIC DEVELOPMENT OF THE NATION.

BRAZIL "AGREEMENT BETWEEN THE SPECIAL SECRETARIAT OF THE ENVIRONMENT (SEMA) AND THE NORTH EAST DEVELOPMENT SUPERINTENDENT (SUDENE) WILL PREVENT POLLUTION." O ESTADO DE SAO PAULO

LP(B) PORTUGUESE 06/10/75 PGS 27 EPA ID# 03019A
ALSO PMB

THIS ARTICLE REPORTS ON AN AGREEMENT SIGNED BETWEEN THE BRAZILIAN SPECIAL SECRETARIAT OF THE ENVIRONMENT (SEMA) AND THE OFFICE OF THE NORTH EAST DEVELOPMENT SUPERINTENDENT (SUDENE) WHICH WILL REQUIRE THAT INDUSTRIAL REQUESTS DIRECTED TO SUDENE FOR FINANCIAL AID BE APPROVED BY THE SPECIAL SECRETARIAT. THE ARRANGEMENT WILL ALSO BE EXTENDED TO THE OTHER REGIONAL SUPERINTENDENTS AND TO OTHER FEDERAL BANKING INSTITUTIONS. THE AGREEMENT CALLS FOR THE ESTABLISHMENT OF A JOINT SEMA-SUDENE COMMISSION TO REVIEW THE NECESSARY DEVELOPMENTAL PROJECTS AND TO DELINEATE AREAS OF RESPONSIBILITY FOR EACH ENTITY, IN ACCORDANCE WITH THE SECOND NATIONAL DEVELOPMENT PLAN. THE AGREEMENT FURTHER PROVIDES THAT THE EXECUTION OF ALL POLLUTION CONTROL ACTIVITIES IN THE NORTH EAST REGION WILL BE DELEGATED TO SUDENE. ALSO CITED IN THE ARTICLE IS A PARLIAMENTARY PROPOSAL FOR THE CREATION OF A PERMANENT ECOLOGICAL COMMISSION, WHICH WOULD KEEP THE BRAZILIAN PARLIAMENT ABREAST OF CURRENT ENVIRONMENTAL ACTIVITIES.

BRAZIL "ENVIRONMENTAL PROTECTION INVOLVES A POLITICAL DECISION." O ESTADO DE SAO PAULO
CAMARGO, ROBERTO

PM(A) PORTUGUESE 06/08/75 PGS 47 EPA ID# 02037N
ALSO LRB

THIS ARTICLE SUMMARIZES THE CURRENT RECOMMENDATIONS AND UNRESOLVED DIFFERENCES OF OPINION AMONG BRAZILIAN GOVERNMENT OFFICIALS REGARDING THE BEST WAY OF ACHIEVING ADEQUATE ENVIRONMENTAL PROTECTION. CONCLUSIONS OF THE FIRST NATIONAL CONFERENCE ON ENVIRONMENTAL PROTECTION RECOGNIZE THE NEED FOR MONEY, ADEQUATE POLITICO-ADMINISTRATIVE STRUCTURE AND EXECUTIVE POWER IN ENVIRONMENTAL PROTECTION, ATTRIBUTES PRESENTLY LACKING IN THE SPECIAL SECRETARIAT OF THE ENVIRONMENT (SEMA). IN DEVELOPING A FULL-SCALE COMMITMENT TO ENVIRONMENTAL PROTECTION, SEVERAL LEGISLATORS FAVOR THE CREATION OF AN ENVIRONMENTAL MINISTRY OR AN EXECUTIVE AGENCY, WHILE THE MINISTER OF INTERIOR AND THE SECRETARY OF THE ENVIRONMENT FAVOR THE ADMINISTRATIVE STRUCTURE PROVIDED FOR IN THE PRESENT ENVIRONMENTAL BILL, WHICH ASSIGNS TO STATE ENVIRONMENTAL AGENCIES THE CENTRAL ROLE IN ENVIRONMENTAL PROTECTION, WHILE ALLOWING SEMA TO CONTINUE ITS TRADITIONAL COORDINATING, ADVISORY AND CONTRACTUAL ROLE IN ENVIRONMENTAL AFFAIRS.

GENERAL

FRANCE

"THE MAYOR AND THE ENVIRONMENT." NUISANCES ET ENVIRONNEMENT, NO. 42
CATHALA, R., AND OTHERS EPA
LR(B) FRENCH 07/00/75 PGS 17-32 ID# 02965A

THIS ARTICLE ANALYSES THE ROLE OF THE FRENCH MAYORS AND MUNICIPAL COUNCILS IN THE PROTECTION OF THE ENVIRONMENT. THE AUTHOR FIRST EXAMINES THE LEGAL BASIS FOR THE MAYORS' LONG STANDING POWERS OF INTERVENTION, ARISING FROM THEIR ROLE AS HEADS OF THE MUNICIPAL AND RURAL POLICE FORCES WITH RESPONSIBILITY, AMONG OTHER THINGS, FOR THE PROTECTION OF PUBLIC HEALTH AND HYGIENE. THE CONCLUDING DISCUSSION CONCERNS THE MAYORS' SPECIFIC SPHERES OF ACTION WITHIN THE ENVIRONMENTAL FIELD. CONSIDERED IN THIS SECTION IS THE AUTHORITY EXERCISED BY THE MAYORS IN THE FOLLOWING AREAS: PUBLIC AND PRIVATE WASTEWATER PURIFICATION, SOLID WASTES, WATER POLLUTION, NOISE, AND AIR POLLUTION. THE ROLE OF THE MAYORS, WHICH IS STILL SIGNIFICANT, IS SHOWN TO HAVE BEEN GRADUALLY OVERSHADOWED BY PREFECTURAL RESPONSIBILITIES, AS PART OF A GENERAL TREND TOWARD GREATER CENTRALIZATION.

FRANCE

"GOVERNMENT TO PENALIZE NOISY AND POLLUTING VEHICLES." LE MONDE
AMBROISE-RENDU, MARC EPA
SE( ) FRENCH 08/01/75 PGS 18 ID# 02971A

THIS ARTICLE SUMMARIZES THE DECISIONS TAKEN BY THE INTERMINISTERIAL ACTION COMMITTEE ON NATURE AND THE ENVIRONMENT DURING ITS FIRST OF TWO YEARLY SESSIONS CONVENED TO ALLOCATE THE 135 MILLION FRANCS AVAILABLE IN INTERMINISTERIAL FUNDING. THE 69 MILLION FRANCS APPROPRIATED DURING THIS SESSION WERE DISTRIBUTED TO A WIDE RANGE OF OPERATIONS, AS ECONOMIC INCENTIVES TO STIMULATE LOCAL SPENDING, WHICH IS EXPECTED TO REACH 357 MILLION. THE AUTHOR CLASSIFIES THE COMMITTEE'S APPROPRIATIONS AND POLICY DECISIONS INTO FIVE CATEGORIES: ACTIVITY IN THE NATURAL ENVIRONMENT, TREATMENT OF NUISANCES, ECOLOGICAL CONSERVATION, IMPROVEMENT OF THE QUALITY OF LIFE, AND DISSEMINATION AND EDUCATION. EMPHASIZED IN THE ARTICLE IS THE COMMITTEE'S DECISION REGARDING A REFORM OF THE AUTOMOBILE TAXATION SYSTEM, HENCEFORTH TO BE BASED ON THE VEHICLE'S NUISANCE PRODUCING POTENTIAL.

GERMAN DEM REP

"HARMFUL MATERIALS CAN BE USEFUL." NEUES DEUTSCHLAND
SPICKERMANN, WOLFGANG EPA
PM(B) GERMAN 05/26/75 PGS 2 ID# 03011A
SOLID WASTE LAND USE

THIS ARTICLE DISCUSSES ENVIRONMENTAL PROTECTION AND THE MORE EFFECTIVE USE OF RAW MATERIALS IN THE MINING AND RELATED INDUSTRIES IN THE GERMAN DEMOCRATIC REPUBLIC (GDR). THE SUBJECT WAS CONSIDERED AT THE ANNUAL MINER AND FOUNDRY WORKERS CONFERENCE SPONSORED BY THE MINING ACADEMY OF FREIBERG FROM MAY 21 TO 23 AND ATTENDED BY SCIENTISTS FROM 13 COUNTRIES. ONE SPOKESMAN NOTED THAT WASTE MATTER CAN BECOME VALUABLE RAW MATERIALS WITH THE APPLICATION OF SCIENTIFIC AND TECHNOLOGICAL KNOWLEDGE. A TON OF FILTER ASH FROM A POWER PLANT FLUE MAY ACHIEVE AN ECONOMIC VALUE OF FROM 5 TO 30 MARKS (GDR) WHEN RE-UTILIZED. CURRENTLY IN THE GDR 70 PERCENT OF RECLAIMABLE ASH IS REUSED IN INDUSTRY. FOR EXAMPLE, ASH CONTAINING LIME MAY BE USED AS A SUPPLEMENT IN MANUFACTURING CONCRETE TO CONSERVE CEMENT. ANOTHER SPOKESMAN IN THE AREA OF OPEN-PIT MINING REVEALED THAT HIS INDUSTRY HAS SUCCEEDED SINCE 1968 IN RECULTIVATING MORE MINED-OUT LAND THAN IT HAS FOUND NECESSARY TO TAKE FROM OTHER LAND USES.

GERMANY,FED REP OF

(REPORT OF FEBRUARY 2, 1975, NO. 6978/100-2 OF THE STATE INSTITUTE FOR INDUSTRIAL SAFETY AND INDUSTRIAL MEDICINE, AIR, NOISE AND RADIATION PROTECTION, KARLSRUHE) BADEN-WUERTTEMBERG. INSTITUTE FOR INDUSTRIAL SAFETY... EPA

PM(A) GERMAN 02/03/75 PGS 1-48 ID# 02981A
ALSO PMB
RADIATION

THIS REPORT DESCRIBES THE ORGANIZATION AND ACTIVITIES OF THE INSTITUTE FOR INDUSTRIAL SAFETY AND INDUSTRIAL MEDICINE, AIR, NOISE AND RADIATION PROTECTION, KARLSRUHE, A DIVISION OF THE STATE OFFICE FOR ENVIRONMENTAL PROTECTION OF BADEN-WUERTTEMBERG. THE INSTITUTE HAS SIX SUBGROUPS DEALING WITH: MAINTENANCE OF AIR PURITY; HAZARDOUS SUBSTANCES AND ENVIRONMENTAL CHEMISTRY; NOISE, VIBRATIONS, AND SAFETY TECHNOLOGY; RADIATION PROTECTION; MEASUREMENT OF HUMAN EXPOSURE TO RADIATION (IN THE WORKING ENVIRONMENT); AND INDUSTRIAL MEDICINE AND HYGIENE. AMONG OTHER DUTIES, THE INSTITUTE IS RESPONSIBLE FOR MONITORING LEVELS OF AIR POLLUTION, NOISE, AND VIBRATIONS AS WELL AS CONCENTRATIONS OF RADIOACTIVITY IN SEWAGE AND WATER BODIES. IT ALSO SUPERVISES THE COLLECTION OF RADIOACTIVE WASTES IN THE STATE. THE REPORT INCLUDES AN ORGANIZATIONAL CHART AND PERSONNEL LIST, LISTS OF PUBLICATIONS AND SPEECHES ORIGINATING WITH THE INSTITUTE OR ITS STAFF, AND A LIST OF CURRENT STATE AND NATIONAL LAWS, REGULATIONS, AND RECOGNIZED ENGINEERS' GUIDELINES AND NORMS.

GERMANY,FED REP OF

ARBEITSPROGRAMM 1975 DER LANDESANSTALT FUER UMWELTSCHUTZ BADEN-WUERTTEMBERG (WORKING PROGRAM 1975 OF THE STATE OFFICE FOR ENVIRONMENTAL PROTECTION OF BADEN-WUERTTEMBERG) BADEN WUERTTEMBERG. OFFICE FOR ENVIRONMENTAL PROTECTION EPA

PM(A) GERMAN 03/07/75 PGS 1-6 ID# 02983A
AIR NOISE RADIATION WATER

THIS OUTLINE PRESENTS THE POINTS OF EMPHASIS IN THE 1975 WORKING PROGRAM OF THE OFFICE FOR ENVIRONMENTAL PROTECTION OF THE STATE OF BADEN-WUERTTEMBERG IN THE FEDERAL REPUBLIC OF GERMANY. AFTER A BRIEF SUMMARY OF THE CONTINUING RESPONSIBILITIES OF THE OFFICE'S MAJOR SUBDIVISIONS, SPECIAL PROJECTS TO BE COMPLETED, CONTINUED OR INITIATED IN EACH SUBSECTION ARE LISTED. SECTION 2, THE INSTITUTE FOR ECOLOGY AND NATURE PROTECTION, WILL CONTINUE PROGRAMS RELATIVE TO PARKS, PROTECTED NATURE AREAS, AND ENDANGERED ANIMAL SPECIES. SECTION 3, THE INSTITUTE FOR AIR, NOISE, INDUSTRIAL AND RADIATION PROTECTION, CARRIES OUT NUMEROUS MONITORING AND ANALYSIS PROGRAMS, AND FURNISHES INFORMATION AND ADVICE TO GOVERNMENT AGENCIES REQUIRING IT. SECTION 4, THE INSTITUTE FOR WATER AND SOLID WASTE MANAGEMENT, IS RESPONSIBLE FOR CONTINUOUS MONITORING AND SAMPLING OF BADEN-WUERRTTEMBERG'S WATER BODIES AND PROVIDES INFORMATION NEEDED IN PLANNING PROGRAMS. SECTION 5, THE LIMNOLOGICAL INSTITUTE, CARRIES OUT INVESTIGATIONS IN REGARD TO LAKE CONSTANCE.

GREAT BRITAIN

LR(B)

THE LAW AND ADMINISTRATION RELATING TO PROTECTION OF THE ENVIRONMENT
BIGHAM, D. ALSTAIR
ENGLISH 00/00/73 PGS 1-359 EPA ID# 02962A
ALSO PMB

DESIGNED AS A GUIDE TO THE MANY ENVIRONMENTAL LAWS AND AGENCIES IN GREAT BRITAIN, THIS BOOK DISCUSSES THE PRACTICAL PROBLEMS CONCERNING THE APPLICATION OF ENVIRONMENTAL LAWS AND CLARIFIES THE VARIOUS LEGAL AND ADMINISTRATIVE RECOURSES AVAILABLE TO LAWYERS, PROFESSIONAL MEN AND THE GENERAL PUBLIC IN THE DIFFERENT AREAS OF ENVIRONMENTAL PROTECTION. CHAPTER ONE OF THE BOOK DISCUSSES THE SYSTEM OF BRITISH GOVERNMENT, THE OVERALL NATIONAL ENVIRONMENT POLICY AND THE PRACTICAL AND STRATEGIC PROBLEMS RELATING TO THE ENVIRONMENT. SUBSEQUENT CHAPTERS SURVEY THE VARIOUS AREAS OF ENVIRONMENTAL CONCERN SUCH AS INDUSTRY, AGRICULTURE, TRANSPORTATION, POLLUTION, URBAN DEVELOPMENT AND CONSERVATION, SETTING FORTH THE LEGAL AND ADMINISTRATIVE CONTROLS APPLICABLE IN EACH AREA. TABLES OF ENVIRONMENTAL STATUTES, RULES AND ORDERS ARE GIVEN AS WELL AS A TABLE LISTING PERTINENT ENVIRONMENTAL COURT CASES. IN ADDITION, APPENDIXES REPRINT POLICY STATEMENTS RELATING TO URBAN DEVELOPMENT.

GREAT BRITAIN

PM(B)

CONTROLLING POLLUTION
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT
ENGLISH 00/00/75 PGS 1-31 EPA ID# 02964A
ALSO LRB AND SE

THIS PAPER, PREPARED BY THE CENTRAL UNIT ON ENVIRONMENTAL POLLUTION OF THE BRITISH DEPARTMENT OF THE ENVIRONMENT, PROVIDES A REVIEW OF GOVERNMENT ACTION TAKEN, THUS FAR, IN RESPONSE TO RECOMMENDATIONS MADE IN OFFICIAL REPORTS OF THE ROYAL COMMISSION ON ENVIRONMENTAL POLLUTION. CHAPTER I OF THE PAPER SUMMARIZES THE ROYAL COMMISSION'S REPORTS AND SUBSEQUENT GOVERNMENT ACTION. CHAPTER II REPRODUCES A MARCH 13, 1975 LETTER OF THE SECRETARY OF STATE FOR THE ENVIRONMENT WHICH INDICATES THE GOVERNMENT'S PLANS FOR IMPLEMENTING THE RECOMMENDATIONS MADE IN THE LATEST (1974) REPORT OF THE ROYAL COMMISSION. CHAPTER III CONTAINS A TABULATED PRESENTATION OF RECOMMENDATIONS MADE IN THE COMMISSION'S FIRST THREE REPORTS (1971-72) WITH A SUMMARY OF STEPS TAKEN BY GOVERNMENT DEPARTMENTS IN IMPLEMENTING THEM. AREAS OF POLLUTION CONTROL RECEIVING ADEQUATE ATTENTION ARE SHOWN AS WELL AS THOSE AREAS NEEDING MORE ATTENTION IN THE FUTURE.

GREAT BRITAIN

PM(B)

THE GEOGRAPHY OF POLLUTION. A STUDY OF GREATER MANCHESTER
WOOD, C. M. AND OTHERS
ENGLISH 00/00/74 PGS 1-150 EPA ID# 02979A
ALSO SE

THIS STUDY WAS PREPARED BY THE POLLUTION RESEARCH UNIT OF THE UNIVERSITY OF MANCHESTER, ENGLAND, AS PART OF THE POLLUTION RESEARCH REQUIREMENTS OF THE SCIENCE AND SOCIAL SCIENCE RESEARCH COUNCILS. THE METHODOLOGY OF THIS STUDY IS BASED ON THE PRINCIPLES THAT THE CAUSES OF VARIOUS TYPES OF POLLUTION ARE INTERRELATED AND THAT POLLUTION CAN BEST BE STUDIED IN RELATION TO PARTICULAR GEOGRAPHICAL AREAS. THE STUDY BEGINS BY ANALYSING THE SPATIAL NATURE OF THE POLLUTION PROBLEM AND THEN DESCRIBES THE BASIC PHYSICAL, SOCIO-ECONOMIC AND INDUSTRIAL CHARACTERISTICS OF THE GREATER MANCHESTER REGION. SUBSEQUENT CHAPTERS REVIEW THE VARIOUS KINDS OF AIR, LAND, WATER AND NOISE POLLUTION IN GREATER MANCHESTER, THE SOURCES OF THIS POLLUTION, AND ITS EFFECTS ON THE ENVIRONMENT. IN LIGHT OF THE CONCLUSIONS DRAWN FROM THE FOREGOING, THE LAST CHAPTER DISCUSSES THE SIGNIFICANCE OF POLLUTION RELATED FACTORS ON OVERALL URBAN PLANNING POLICIES, ESPECIALLY IN REGARD TO DISADVANTAGED URBAN AREAS.

GREAT BRITAIN

INDEX OF CURRENT GOVERNMENT AND GOVERNMENT-SUPPORTED RESEARCH IN ENVIRONMENTAL POLLUTION IN GREAT BRITAIN 1973
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA
PM(B) ENGLISH 09/00/74 PGS 1-206 ID# 03005A

THIS INDEX, COMPILED BY THE BRITISH DEPARTMENT OF THE ENVIRONMENT, PROVIDES A SUMMARY OF GOVERNMENT AND GOVERNMENT-SUPPORTED RESEARCH PROJECTS RELATED TO POLLUTION WHICH WERE STARTED OR IN PROGRESS BETWEEN JULY 1972 AND DECEMBER 1973 IN GREAT BRITAIN. RESEARCH PROJECTS ARE LISTED UNDER THE CATEGORIES OF AIR POLLUTION, FRESHWATER POLLUTION, MARINE POLLUTION, POLLUTION OF THE LAND, NOISE, RADIOACTIVITY AND METALLIC ELEMENTS. UNDER THESE CATEGORIES THE PROJECTS ARE SUBGROUPED ACCORDING TO WHETHER THE RESEARCH BEING REALIZED INVOLVES SURVEILLANCE OF POLLUTION, EFFECTS OF POLLUTION ON MAN, EFFECTS OF POLLUTION OTHER THAN ON MAN, CONTROL OF POLLUTION, OR METHODS OF MEASURING POLLUTION. ALSO INCLUDED IN THE INDEX ARE LISTS OF GOVERNMENT DEPARTMENTS AND GOVERNMENT RESEARCH INSTITUTES AND ASSOCIATIONS, WITH ADDRESSES.

GREAT BRITAIN

SOURCES OF INFORMATION IN ENVIRONMENTAL POLLUTION
CONNOLLY, KATHLEEN, COMP. EPA
PM(A) ENGLISH 05/00/75 PGS 1-39 ID# 03006A
ALSO PMB

THIS PUBLICATION, COMPILED BY THE LIBRARY OF THE BRITISH DEPARTMENT OF THE ENVIRONMENT, PROVIDES AN ANNOTATED LISTING OF BRITISH AND INTERNATIONAL ORGANIZATIONS HAVING AN INTEREST IN ONE OR MORE ASPECTS OF ENVIRONMENTAL POLLUTION. CENTRAL AND LOCAL GOVERNMENT DEPARTMENTS, GOVERNMENT RESEARCH ESTABLISHMENTS, RESEARCH COUNCILS, OFFICIAL COMMISSIONS AND BOARDS, PROFESSIONAL ASSOCIATIONS, INDUSTRIAL AND TRADE ORGANIZATIONS, ENVIRONMENTAL GROUPS, AND INTERNATIONAL AGENCIES ARE AMONG THE TYPES OF ORGANIZATIONS LISTED. ADDRESSES AND TELEPHONE NUMBERS ARE NOTED AS WELL AS ANY REGULAR PUBLICATIONS OR SERIES ISSUED BY THESE ORGANIZATIONS. THE PUBLICATION ALSO PROVIDES AN ALPHABETICAL INDEX OF THE LISTED ORGANIZATIONS AND A LIST OF ENVIRONMENTAL JOURNALS AND PERIODICALS.

ISRAEL

"LIST OF LAWS FOR PROTECTION OF THE ENVIRONMENT." SELECTED PAPERS ON THE ENVIRONMENT IN ISRAEL, NO. 3
ISRAEL. ENVIRONMENTAL PROTECTION SERVICE EPA
LA(B) ENGLISH 00/00/75 PGS 1-3 ID# 03004A

THIS PUBLICATION CONSISTS OF A LISTING OF 61 LAWS RELATING TO VARIOUS ASPECTS OF ENVIRONMENTAL PROTECTION IN ISRAEL. THE NUMBER AND YEAR OF ISSUANCE OF EACH LAW ARE GIVEN.

GENERAL

ISRAEL

"SUMMARY OF ANNUAL REPORT." ISRAEL ENVIRONMENT BULLETIN, VOL. 2, NO. 2
ISRAEL. ENVIRONMENTAL PROTECTION SERVICE EPA
PM(B) ENGLISH 04/00/75 PGS 2-5 ID# 02999A

THIS ARTICLE PRESENTS THE CHAPTER ENTITLED "RECOMMENDATIONS" OF THE FIRST ANNUAL REPORT ON THE QUALITY OF THE ENVIRONMENT IN ISRAEL, COMPILED BY THE ENVIRONMENTAL PROTECTION SERVICE. SPECIFIC RECOMMENDATIONS FOR THE IMPROVEMENT OF ENVIRONMENTAL MANAGEMENT IN ISRAEL WERE MADE WITH REGARD TO EVERY AREA COVERED BY THE REPORT, INCLUDING: 1) GOVERNMENT ORGANIZATION (ON THE NATIONAL AND LOCAL LEVELS WITH REGARD TO ESTABLISHING ENVIRONMENTAL PROTECTION PRIORITIES); 2) AIR QUALITY; 3) WATER QUALITY; 4) PRESERVATION OF THE SEAS (REGARDING SPECIAL PROBLEMS OF THE MEDITERRANEAN AND RED SEAS); 5) PESTICIDES; 6) SOLID WASTE DISPOSAL; 7) PHYSICAL PLANNING; 8) NOISE POLLUTION; 9) RADIATION HAZARDS; 10) EDUCATION AND PUBLIC INFORMATION; 11) PRESERVATION OF NATURE AND LANDSCAPE; 12) TRANSPORT; AND 13) RECREATION AND TOURISM.

ISRAEL

"ACTIVITY REPORT AS OF JANUARY 1, 1975." SELECTED PAPERS ON THE ENVIRONMENT IN ISRAEL, NO. 3
ISRAEL. ENVIRONMENTAL PROTECTION SERVICE EPA
PM(A) ENGLISH 00/00/75 PGS 1-6 ID# 03001A

THIS PAPER PROVIDES A GENERAL REPORT OF THE ACTIVITIES OF ISRAEL'S ENVIRONMENTAL PROTECTION SERVICE (EPS) AS OF JANUARY 1, 1975. THE NAMES AND TITLES OF THE PROFESSIONAL STAFF OF THE EPS ARE LISTED, AS WELL AS THE SUB-GROUPS INTO WHICH THE STAFF IS DIVIDED (ENVIRONMENTAL IMPACT STATEMENTS, URBAN ENVIRONMENTAL QUALITY, NOXIOUS SUBSTANCES, WATER QUALITY AND SOLID WASTES, ETC.). EPS ACTIVITIES SUMMARIZED IN THE REPORT INCLUDE: 1) THE FIRST ANNUAL REPORT TO THE GOVERNMENT ON THE STATE OF THE ENVIRONMENT IN ISRAEL IN 1973; 2) ESTABLISHMENT OF A SYSTEM OF ENVIRONMENTAL IMPACT STATEMENTS; 3) AIR POLLUTION CONTROL MEASURES; 4) SOLID WASTE DISPOSAL MEASURES; 5) PREPARATION OF ENVIRONMENTAL PROTECTION LAWS, ALONG WITH PLANS FOR THEIR ENFORCEMENT; 6) NOISE CONTROL MEASURES; AND 7) GATHERING OF DATA ON THE INTERRELATIONSHIP OF ECONOMICS AND ENVIRONMENTAL QUALITY.

JAPAN

QUALITY OF THE ENVIRONMENT IN JAPAN
JAPAN. ENVIRONMENT AGENCY EPA
PM(B) ENGLISH 00/00/74 PGS 1-269 ID# 02974A
ALSO LRB, PMA AND SE

THIS ANNUAL PUBLICATION OF JAPAN'S ENVIRONMENT AGENCY PROVIDES A SUMMARY OF ALL PHASES OF ENVIRONMENTAL PROTECTION ACTIVITY IN JAPAN. AREAS OF DISCUSSION INCLUDE THE STATE OF ENVIRONMENTAL POLLUTION IN JAPAN; PROBLEMS IN ENVIRONMENTAL ADMINISTRATION; THE NATIONAL BUDGET AND OTHER INVESTMENTS FOR ENVIRONMENTAL PROTECTION; POLLUTION CONTROL LEGISLATION AND ENFORCEMENT MECHANISMS; COMPENSATION FOR POLLUTION-RELATED HEALTH DAMAGE; AND POLLUTION CONTROL MEASURES PLANNED FOR FISCAL YEAR 1974. APPENDIXES PROVIDE AMBIENT AIR QUALITY STANDARDS, EMISSION STANDARDS, ENVIRONMENTAL WATER QUALITY STANDARDS, EFFLUENT STANDARDS, AND ENVIRONMENTAL QUALITY STANDARDS FOR AIRCRAFT NOISE.

OECD "HOW TO ESTIMATE THE REAL COST OF ENVIRONMENTAL DAMAGE." OECD OBSERVER
SE( ) ENGLISH 05/00/75 PGS 29-30 EPA ID# 02998A

THIS ARTICLE SUMMARIZES SIGNIFICANT CONCLUSIONS OF THE ENVIRONMENT DIRECTORATE OF THE ORGANIZATION FOR ECONOMIC COOPERATION AND DEVELOPMENT ON ASSESSING THE MONETARY VALUE OF ENVIRONMENTAL DAMAGES. QUANTIFYING THE COSTS OF POLLUTION TO THE COMMUNITY CAN PROVE USEFUL IN DECISION-MAKING PROCESSES. SUCH QUANTIFICATION SPECIFICALLY ALLOWS SEVERAL PROJECTS TO BE COMPARED SO THAT THE LEAST POLLUTING ONE MAY BE CHOSEN; HELPS ONE TO DETERMINE HOW THOROUGH TO BE IN A PARTICULAR INSTANCE OF POLLUTION CONTROL; ASSISTS IN SETTING ENVIRONMENTAL STANDARDS; ASSISTS IN FIXING FEES ON POLLUTING ACTIVITIES TO ATTAIN THE GOALS OF STANDARDS; AND IS USEFUL IN SYSTEMS THAT PROVIDE COMPENSATION TO POLLUTION SUFFERERS. COSTS OF POLLUTION ARE ON ONE HAND FINANCIAL, INCLUDING DIRECT DAMAGE TO MATERIALS, CROPS AND OTHER PLANTS AND THE INDIRECT LOSS OF MANPOWER DUE TO HEALTH DAMAGE. HOWEVER IT IS ALSO NECESSARY TO CALCULATE NON-FINANCIAL COSTS, SUCH AS PAIN, ESTHETIC OFFENCES, DISTURBANCE DUE TO NOISE, AND LOSS OF RECREATIONAL FACILITIES.

SWEDEN "SVANTE LUNDKVIST QUESTIONED ABOUT SWEDEN'S ENVIRONMENTAL POLICY."
SUEDDEUTSCHE ZEITUNG
KLOECKER, JOHANN
PM(B) GERMAN 06/04/75 PGS 29, 31 EPA ID# 03016A
SOLID WASTE

THIS INTERVIEW WITH THE SWEDISH MINISTER OF AGRICULTURE, WHO IS RESPONSIBLE FOR ENVIRONMENTAL PROTECTION, MARKS THE OPENING OF A DISPLAY ENTITLED "TECHNOLOGY AND THE ENVIRONMENT - A SWEDISH MODEL" AT THE GERMAN MUSEUM IN MUNICH. THE DISPLAY, IN THE INTEREST OF INTERNATIONAL COOPERATION, EMPHASIZES SOLID WASTE AND SEWAGE MANAGEMENT. THE MINISTER STATES THAT SWEDEN MAY CONTRIBUTE INSIGHTS PARTICULARLY IN REGARD TO THE DISPOSAL OF AUTOMOBILE WRECKS AND IN REGARD TO A NEW LAW ON WASTE SEPARATION. ENVIRONMENTAL GOALS IN SWEDEN ARE FURTHERED THROUGH LEGISLATION, RESEARCH, PLANNING, STATE SUPPORT TO COMMUNITIES AND THE COMMERCIAL SECTOR, MONITORING, SUPPORT OF WASTE RECYCLING AND RECLAMATION EFFORTS, INTERNATIONAL COOPERATION, AND PUBLIC INFORMATION AND EDUCATION. SCHOOLS IN SWEDEN PLAY IMPORTANT ROLES IN ENVIRONMENTAL EDUCATION, USING AN ECOLOGICALLY ORIENTED INTERDISCIPLINARY APPROACH IN SCIENCE AND SOCIOLOGY COURSES.

SWITZERLAND RECHERCHE SUR L'ENVIRONNEMENT EN SUISSE (ENVIRONMENTAL RESEARCH IN SWITZERLAND)
SWITZERLAND. FEDERAL ENVIRONMENTAL PROTECTION OFFICE
PM(B) FRENCH* 02/00/75 PGS 1-160 EPA ID# 02759B
*ALSO GERMAN

THIS BILINGUAL CATALOG OF THE SWISS FEDERAL OFFICE OF ENVIRONMENTAL PROTECTION CONSTITUTES THE THIRD AND FINAL VOLUME IN A SERIES OF PUBLICATIONS DEALING WITH ENVIRONMENTAL RESEARCH IN SWITZERLAND. THE FIRST TWO VOLUMES, WHICH CONTAIN AN INTRODUCTION AND INVENTORY OF SWISS ENVIRONMENTAL RESEARCH PROJECTS, ARE SUPPLEMENTED IN THIS VOLUME BY A CATALOG OF ENVIRONMENTALLY RELATED PROBLEMS. THE THEMATIC APPROACH USED IN THE PRESENTATION OF THE INVENTORY EMPLOYS THE FOLLOWING CATEGORIES: SOCIAL AND CULTURAL PROBLEMS, ECONOMIC, POLITICAL AND RESOURCE PROBLEMS, AS WELL AS PROBLEMS OF EMISSION AND IMMISSION. THE PURPOSE OF THE INVENTORY, AS DEFINED IN THE PREFACE TO THIS VOLUME, IS TO PROVIDE THE MEANS OF DISCERNING RESEARCH DATA DEFICIENCIES AND TO PERMIT A COORDINATION OF ALL ONGOING SWISS RESEARCH.

GENERAL

VENEZUELA "GOVERNOR ARRIA CREATES COMMISSION TO PRESERVE THE ENVIRONMENT." EL UNIVERSAL
EPA
PM(A) SPANISH 05/05/75 PGS 2/15 ID# 02957A

THIS ARTICLE REPORTS ON THE CREATION OF THE COMMISSION FOR ENVIRONMENTAL PRESERVATION OF THE FEDERAL DISTRICT BY A RESOLUTION OF THE GOVERNOR OF CARACAS, DR. DIEGO ARRIA. THE 24-MAN COMMISSION WILL PROPOSE ENVIRONMENTAL POLICIES TO THE DISTRICT GOVERNMENT AND WILL DRAFT ENVIRONMENTAL LEGISLATION AIMED AT STEMMING ECOLOGICAL DETERIORATION DUE TO DEMOGRAPHIC GROWTH, URBANIZATION, INDUSTRIAL DEVELOPMENT AND INCREASING USE OF MOTOR VEHICLES. BESIDES INDICATING THE EXTENT OF EXISTING ENVIRONMENTAL DETERIORATION AND PUBLIC HEALTH DANGERS IN THE VENEZUELAN CAPITAL, THE CREATION OF THE COMMISSION ALSO REFLECTS THE GROWING AWARENESS OF THE NECESSITY TO INCLUDE ENVIRONMENTAL FACTORS IN FUTURE URBAN DEVELOPMENT PLANS.

LAND USE

GERMAN DEM REP "HARMFUL MATERIALS CAN BE USEFUL." NEUES DEUTSCHLAND
SPICKERMANN, WOLFGANG
EPA
PM(B) GERMAN 05/26/75 PGS 2 ID# 03011A
*GENERAL SOLID WASTE

GERMANY,FED REP OF "MAY 2, 1975 LAW REGARDING PRESERVATION OF FOREST RESOURCES AND PROMOTION OF FORESTRY (FEDERAL FOREST LAW)." BUNDESGESETZBLATT, PART I
EPA
LR(A) GERMAN 05/07/75 PGS 1037-1045 ID# 02988A

THIS LAW HAS BEEN PASSED TO: 1) PRESERVE, AND, IF NECESSARY, INCREASE FOREST RESOURCES IN THE FEDERAL REPUBLIC OF GERMANY AND TO INSURE THE ORDERLY MANAGEMENT OF FOREST AREAS IN VIEW OF THEIR ECONOMIC, ENVIRONMENTAL AND RECREATIONAL SIGNIFICANCE, 2) PROMOTE FORESTRY, AND 3) RECONCILE THE INTERESTS OF THE GENERAL PUBLIC AND FOREST OWNERS. THE LAW PROVIDES FRAMEWORK PROVISIONS TO BE FOLLOWED BY THE FEDERAL STATES IN DRAFTING OR REVISING THEIR OWN FOREST LAWS, WHICH THEY ARE REQUIRED TO DO WITHIN TWO YEARS OF THE PROMULGATION OF THE CURRENT FEDERAL LAW. THE LAW PROVIDES FOR THE PLANNING AND MANAGEMENT OF FOREST LAND AND FOR THE LICENSING BY STATE AUTHORITIES OF CHANGES IN THE USE OF FOREST AREAS. THERE ARE ALSO PROVISIONS REGARDING THE CLASSIFICATION OF FOREST AS PROTECTED OR RECREATIONAL AREA AND THE PUBLIC'S RIGHT OF ACCESS TO FOREST LAND. FURTHER SECTIONS OF THE LAW CONTAIN CRITERIA FOR THE OFFICIAL RECOGNITION OF FORESTRY FEDERATIONS AND PROVIDE FOR GOVERNMENT PROMOTION OF FORESTRY, INCLUDING SOME FINANCIAL AID.

LAND USE

GREAT BRITAIN

PM(B)

NORTH SEA OIL AND THE ENVIRONMENT. A REPORT TO THE OIL DEVELOPMENT COUNCIL FOR SCOTLAND
GREAT BRITAIN. SCOTTISH ECONOMIC PLANNING DEPARTMENT EPA
ENGLISH 00/00/74 PGS 1-22 ID# 02991A
ALSO SE
*WATER

GREAT BRITAIN

SE( )

ENERGY AND THE ENVIRONMENT
GREAT BRITAIN. ROYAL SOCIETY OF ARTS EPA
ENGLISH 07/00/74 PGS 1-45 ID# 02984A
ALSO PMB AND LRB
*WATER AIR RADIATION

NOISE

GERMANY,FED REP OF

PM(A)

ARBEITSPROGRAMM 1975 DER LANDESANSTALT FUER UMWELTSCHUTZ BADEN-WUERTTEMBERG
(WORKING PROGRAM 1975 OF THE STATE OFFICE FOR ENVIRONMENTAL PROTECTION OF BADEN-WUERTTEMBERG)
BADEN WUERTTEMBERG. OFFICE FOR ENVIRONMENTAL PROTECTION EPA
GERMAN 03/07/75 PGS 1-6 ID# 02983A
*GENERAL AIR RADIATION WATER

GERMANY,FED REP OF

PM(B)

"NORM FOR NOISE PROTECTION DRASTICALLY REDUCED." SUEDDEUTSCHE ZEITUNG
EPA
GERMAN 07/16/75 PGS 6 ID# 03021A

THIS ARTICLE REPORTS THAT THE TECHNICAL STANDARDS COMMITTEE FOR THE CONSTRUCTION INDUSTRY IN THE FEDERAL REPUBLIC OF GERMANY HAS PROPOSED REDUCING THE STRINGENCY OF THE NOISE STANDARD USED IN URBAN CONSTRUCTION PLANNING FOR PURELY RESIDENTIAL AREAS. THE NEW NORM WOULD PERMIT A MAXIMUM NOISE LEVEL AT NIGHT OF 45 DECIBELS (A) MEASURED AT THE OUTER WALL OF A RESIDENCE IN CONTRAST TO THE EXISTING MAXIMUM LEVEL OF 35 DECIBELS (A) STIPULATED IN A PRELIMINARY NORM. BECAUSE OF PROTESTS AGAINST THE ACTION, PARTICULARLY BY THE MINISTERS RESPONSIBLE FOR PLANNING AND ENVIRONMENTAL PROTECTION IN THE FEDERAL STATES OF BAVARIA, NORTH RHINE-WESTPHALIA AND HESSE, THE NEW STANDARD WILL BE ISSUED FIRST IN DRAFT FORM IN THE FALL, AND OBJECTIVES WILL BE CONSIDERED DURING THE FOLLOWING FOUR MONTHS. TWO OTHER ATTACHED ARTICLES CONTAIN CERTAIN ARGUMENTS OF THOSE SUPPORTING AND OPPOSING THE NEW STANDARD. SOME PERSONS FEAR THAT THIS REDUCTION COULD WEAKEN NOISE PROTECTION STANDARDS IN OTHER AREAS, PARTICULARLY IN INDUSTRIAL ZONES.

GREAT BRITAIN

PM(B)

NOISE UNITS
GREAT BRITAIN. NOISE ADVISORY COUNCIL
ENGLISH 00/00/75 PGS 1-17 EPA
ALSO LRB ID# 02972A

THIS REPORT OF THE RESEARCH SUBCOMMITTEE OF THE BRITISH NOISE ADVISORY COUNCIL WAS PREPARED TO REVIEW CURRENT METHODS OF NOISE MEASUREMENT IN GREAT BRITAIN, TO DETERMINE THE POSSIBILITY OF APPLYING A UNIFIED NOISE INDEX, AND TO COMMENT ON THE FEASIBILITY OF DEVELOPING SUCH A UNIFIED INDEX. NOISE INDICES CURRENTLY USED IN THE UNITED KINGDOM, IN OTHER COUNTRIES, AND INTERNATIONALLY ARE DISCUSSED. THE NEED FOR A UNIFIED NOISE SCALE IS EXPLAINED, AND THE CHARACTERISTICS REQUIRED OF SUCH A SCALE ARE SET FORTH. AFTER A DISCUSSION OF THE AVAILABLE UNIFIED NOISE SCALES, CONCLUSIONS AND RECOMMENDATIONS ARE GIVEN. A SUPPLEMENTAL NOTE TO THE REPORT BY THE DEPARTMENT OF THE ENVIRONMENT INTRODUCES THE SCALE OF EQUIVALENT CONTINUOUS SOUND LEVEL IN USE FOR THE MEASUREMENT OF ENVIRONMENTAL NOISE.

ISRAEL

PM(B)

"NOISE POLLUTION IN ISRAEL: REPORT OF THE COMMITTEE ON RESEARCH IN NOISE POLLUTION (JUNE, 1974)." SELECTED PAPERS ON THE ENVIRONMENT IN ISRAEL, NO. 3
ISRAEL. ENVIRONMENTAL PROTECTION SERVICE
ENGLISH 00/00/75 PGS 1-18 EPA
ALSO LRB ID# 03017A

THIS PUBLICATION PROVIDES AN ENGLISH SUMMARY OF THE HEBREW REPORT "NOISE POLLUTION IN ISRAEL," PREPARED BY THE COMMITTEE ON RESEARCH IN NOISE POLLUTION. DISCUSSED IN THE REPORT ARE THE IMPACT OF NOISE ON MAN, SOURCES OF NOISE AND THE DEFICIENCIES IN NOISE LEGISLATION. ISRAEL HAS NO EXISTING LAWS SPECIFICALLY CONCERNING NOISE POLLUTION, AND THE RESPONSIBILITY FOR NOISE CONTROL IS FRAGMENTED AMONG SEVERAL AUTHORITIES. ALTHOUGH THERE IS PRESENTLY SOME NOISE-RELATED LEGISLATION, ITS ENFORCEMENT IS DIFFICULT BECAUSE OF THE LACK OF SPECIFIC REGULATIONS. THE REPORT INCLUDES RECOMMENDATIONS FOR NOISE CONTROL PROJECTS, SUCH AS DETERMINING NOISE LEVEL STANDARDS FOR INDUSTRIES, ENFORCING NOISE LEVEL STANDARDS FOR MOTOR VEHICLES, AND ESTABLISHING NOISE CONTROL MEASURES FOR AIRPORTS. RECOMMENDED NOISE LEGISLATION IS ALSO PRESENTED.

OECD

PM(B)

"BETTER TOWNS WITH LESS TRAFFIC." THE OECD OBSERVER
ENGLISH 05/00/75 PGS 31-34 EPA
ALSO SE ID# 02995A
*AIR

ARGENTINA "CONTROL OF THE USE OF CHLORINATED PESTICIDES." LA NACION

LR(B) SPANISH 02/16/75 PGS 13 EPA ID# 02990A

THIS BRIEF ARTICLE STATES THAT THE ARGENTINE SECRETARIAT OF AGRICULTURE AND LIVESTOCK WILL TAKE MEASURES TO ENSURE ADEQUATE CONTROL OF THE MANUFACTURE, IMPORTATION, DISTRIBUTION AND USE OF CHLORINATED PESTICIDES. CITING SOME OF THE HARMFUL EFFECTS OF IMPROPER USE OF SUCH PESTICIDES, THE ARTICLE FURTHER STATES THAT THE CONTROL OF CHLORINATED PESTICIDES WILL INVOLVE THE APPLICATION OF EXISTING LEGAL MEASURES WHICH PROVIDE FOR APPROPRIATE PENALTIES AGAINST CONTRAVENORS.

BRAZIL "PESTICIDE USE REQUIRES CONTROL." O ESTADO DE SAO PAULO

PM(B) PORTUGUESE 06/03/75 PGS 22 EPA ID# 03018A
ALSO SE

THIS ARTICLE REPORTS ON THE RECOMMENDATIONS MADE TO FEDERAL AND LOCAL GOVERNMENTS OF BRAZIL UPON THE CONCLUSION OF THE FIRST NATIONAL CONFERENCE OF THE AGRICULTURAL PROTECTION INDUSTRY. REFLECTING CONCERN OVER ENVIRONMENTAL, HEALTH, AND COMMERCIAL REPERCUSSIONS OF INCORRECT PESTICIDE USE, THE CONFERENCE PARTICIPANTS RECOMMENDED THE ADOPTION OF SEVERAL LEGAL, EDUCATIONAL AND ORGANIZATIONAL PROGRAMS FOR THE ADEQUATE CONTROL OF PESTICIDES AND FERTILIZERS IN BRAZIL. SPECIFIC TOPICS DISCUSSED DURING THE CONFERENCE INCLUDED THE CREATION OF A RESIDUE LABORATORY TO TEST RESIDUE LEVELS IN AGRICULTURAL PRODUCE, TECHNICAL TRAINING AND PUBLIC EDUCATIONAL PROGRAMS FOR CORRECT PESTICIDE USE, CONTROL OF MERCURY-CONTAINING PESTICIDES, FALSIFICATION AND OTHER IRREGULARITIES IN THE MANUFACTURE AND SALE OF PESTICIDES, GOVERNMENT-INDUSTRIAL COOPERATION IN CONTROLLING PESTICIDES, AND THE PRESSURES OF FOREIGN MARKET STANDARDS CONCERNING PESTICIDE RESIDUE CONTENT IN AGRICULTURAL PRODUCTS.

GREAT BRITAIN DISPOSAL OF AWKWARD HOUSEHOLD WASTES
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT

LR(B) ENGLISH 00/00/74 PGS 1-42 EPA ID# 02994A
ALSO PMB
*SOLID WASTE WATER TOXIC SUBS

RADIATION

BRAZIL "THE ANTIPOLLUTION BILL." O GLOBO

EPA

LP(B) PORTUGUESE 06/11/75 PGS 16 ID# 02959A
ALSO PMA AND PMB
*GENERAL WATER

GERMAN DEM REP "JANUARY 27, 1975 ORDER ON FURTHER EDUCATION IN THE AREA OF NUCLEAR SAFETY AND RADIATION PROTECTION." GESETZBLATT

EPA

LP(A) GERMAN 02/27/75 PGS 194-196 ID# 01099H

THIS ORDER, ISSUED PURSUANT TO THE NOVEMBER 26, 1969 RADIATION PROTECTION ORDER, IS DESIGNED TO PROTECT THE GENERAL PUBLIC AND PERSONS OCCUPATIONALLY EXPOSED TO RADIATION BY REQUIRING PERSONS EMPLOYED WITH SOURCES OF RADIATION TO PARTICIPATE IN SYSTEMATIC FURTHER EDUCATION PROGRAMS IN THE AREA OF NUCLEAR SAFETY AND RADIATION PROTECTION. THIS EDUCATION IS TO IMPART KNOWLEDGE ABOUT POTENTIAL RADIATION HAZARDS, ORGANIZATIONAL AND PRACTICAL MEASURES FOR PREVENTION OF RADIATION THREATS TO HEALTH, MONITORING OF NUCLEAR MATERIALS, AND THE PROCEDURES TO BE FOLLOWED IN THE CASE OF UNUSUAL OCCURRENCES. PERIODIC FOLLOW-UP TRAINING IS ALSO REQUIRED. THE ORDER LISTS THE SEVERAL CATEGORIES OF PERSONS REQUIRED TO TAKE FURTHER EDUCATION. DEPENDING ON THE LEVEL OF EMPLOYMENT, THE EDUCATION IS TO TAKE THE FORM OF POST-GRADUATE STUDY, THEORETICAL AND PRACTICAL COURSES OF STUDY, COLLOQUIA, AND IN-HOUSE FACTORY OR INSTITUTIONAL TRAINING SESSIONS. THE ORDER ENTERS INTO EFFECT MAY 1, 1975.

GERMANY,FED REP OF (REPORT OF FEBRUARY 2, 1975, NO. 6978/100-2 OF THE STATE INSTITUTE FOR INDUSTRIAL SAFETY AND INDUSTRIAL MEDICINE, AIR, NOISE AND RADIATION PROTECTION, KARLSRUHE) BADEN-WUERTTEMBERG. INSTITUTE FOR INDUSTRIAL SAFETY...

EPA

PM(A) GERMAN 02/03/75 PGS 1-48 ID# 02981A
ALSO PMB
*GENERAL

GERMANY,FED REP OF ARBEITSPROGRAMM 1975 DER LANDESANSTALT FUER UMWELTSCHUTZ BADEN-WUERTTEMBERG (WORKING PROGRAM 1975 OF THE STATE OFFICE FOR ENVIRONMENTAL PROTECTION OF BADEN-WUERTTEMBERG) BADEN WUERTTEMBERG. OFFICE FOR ENVIRONMENTAL PROTECTION

EPA

PM(A) GERMAN 03/07/75 PGS 1-6 ID# 02983A
*GENERAL AIR NOISE WATER

GERMANY,FED REP OF "BONN FOR AN OBJECTIFICATION OF THE NUCLEAR DISCUSSION." NEUE ZUERCHER ZEITUNG

PM(B) GERMAN 07/19/75 PGS 2 EPA ID# 02997A

THIS ARTICLE REVIEWS A 109-PAGE CABINET-LEVEL STATEMENT OF THE GOVERNMENT'S POSITION ON THE PEACEFUL USE OF NUCLEAR ENERGY IN THE FEDERAL REPUBLIC OF GERMANY, OCCASIONED PARTICULARLY BY WIDESPREAD OBJECTIONS TO THE BUILDING OF NUCLEAR POWER PLANTS. THE PAPER MAINTAINS THAT TECHNICAL AND ADMINISTRATIVE BASES FOR THE SAFE USE OF NUCLEAR ENERGY EXIST. IT EMPHASIZES THE PRIMACY OF PUBLIC SAFETY, HOWEVER, AND STATES THAT IN THE CASE OF ALTERNATELY POSSIBLE PROTECTIVE MEASURES, THE MORE STRINGENT WOULD BE ADOPTED. IT ESTABLISHES A TRIPLE PLAN OF PROTECTION IN THE USE OF A NUCLEAR POWER INSTALLATION, INCLUDING: COMPREHENSIVE STEPS TO ENSURE SAFETY AND RELIABILITY OF OPERATION; AN AUTOMATIC SYSTEM TO STOP OPERATION IN THE EVENT OF IRREGULARITIES; AND EMERGENCY COOLING AND ELECTRICITY SYSTEMS AND A PRESSURE-FAST AND AIRTIGHT SAFETY CONTAINER PROTECTING THE REACTOR FACILITY IN CASE THE FIRST TWO STEPS SHOULD FAIL. THE MINISTRY OF THE INTERIOR HAS ALSO PROPOSED MORE OPPORTUNITIES FOR PUBLIC PARTICIPATION IN NUCLEAR POWER POLICY DECISIONS.

GREAT BRITAIN THE MONITORING OF THE ENVIRONMENT IN THE UNITED KINGDOM
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT

PM(B) ENGLISH 00/00/74 PGS 1-66 EPA ID# 02968A
*WATER AIR SOLID WASTE

GREAT BRITAIN ENERGY AND THE ENVIRONMENT
GREAT BRITAIN. ROYAL SOCIETY OF ARTS

SE( ) ENGLISH 07/00/74 PGS 1-45 EPA ID# 02984A
ALSO PMB AND LRB
*WATER AIR LAND USE

POLAND "APRIL 12, 1973 LAW ON THE ESTABLISHMENT OF AN ATOMIC ENERGY AGENCY."
DZIENNIK USTAW POLSKIEJ RZECZYPOSPOLITEJ LUDOWEJ, NO. 12

LR(A) POLISH 06/08/73 PGS 129-130 EPA ID# 02977A

THIS LAW PROVIDES FOR THE ESTABLISHMENT OF AN ATOMIC ENERGY AGENCY TO FUNCTION AS THE CENTRAL STATE AUTHORITY FOR MATTERS PERTAINING TO THE UTILIZATION OF ATOMIC ENERGY. THE AGENCY IS SUBORDINATE TO THE CHAIRMAN OF THE COUNCIL OF MINISTERS. THE RESPONSIBILITIES OF THE AGENCY INCLUDE: THE ORGANIZATION OF THE PRODUCTION OF RADIOACTIVE SUBSTANCES AND MATERIALS INTENDED FOR USE IN NUCLEAR TECHNOLOGY OR FOR PURPOSES OF PROTECTION AGAINST IONIZING RADIATIONS; AND THE RESOLUTION OF PROBLEMS RELATING TO THE UTILIZATION OF ATOMIC ENERGY AND PROTECTION AGAINST IONIZING RADIATIONS.

POLAND

"MAY 31, 1973 ORDINANCE OF THE COUNCIL OF MINISTERS ON THE SPECIFIC SPHERE OF ACTIVITIES OF THE ATOMIC ENERGY AGENCY." DZIENNIK USTAW POLSKIEJ RZECZYPOSPOLITEJ LUDOWEJ, NO. 22

LR(A) POLISH 06/08/73 PGS 253-254 EPA ID# 02977B

ISSUED IN PURSUANCE OF THE APRIL 12, 1973 LAW ON THE ESTABLISHMENT OF AN ATOMIC ENERGY AGENCY, THIS ORDINANCE ENUMERATES THE SPECIFIC FUNCTIONS OF THE AGENCY. INCLUDED AMONG ITS RESPONSIBILITIES ARE: THE SUPERVISION OF THE CORRECT UTILIZATION, STORAGE AND TRANSPORT OF RADIOACTIVE SUBSTANCES; THE ORGANIZATION OF THE DISPOSAL AND SAFE MANAGEMENT OF RADIOACTIVE WASTES; AND THE FORMULATION OF RECOMMENDATIONS AND SUPERVISION AS REGARDS THE INTRODUCTION OF THE REQUISITE SAFETY MEASURES IN THE ESTABLISHMENT AND OPERATION OF NUCLEAR INSTALLATIONS.

SOLID WASTE

AUSTRIA

MUELLERHEBUNG 1973 (SOLID WASTE INVENTORY 1973)
AUSTRIA. FEDERAL INSTITUTE FOR PUBLIC HEALTH

PM(B) GERMAN 07/00/75 PGS 1-44 EPA ID# 02960A

THIS PUBLICATION DESCRIBES AN INVENTORY OF THE SOLID WASTE PROBLEM IN AUSTRIA IN 1973 CONDUCTED BY THE AUSTRIAN FEDERAL INSTITUTE OF PUBLIC HEALTH IN COOPERATION WITH THE AUSTRIAN FEDERATION OF CITIES AND THE AUSTRIAN FEDERATION OF COMMUNITIES, AND COMMISSIONED BY THE FEDERAL MINISTRY OF HEALTH AND ENVIRONMENTAL PROTECTION. THE EMPHASIS OF THE SURVEY, PERFORMED BY ANALYSIS AND COMPUTERIZATION OF QUESTIONNAIRES RETURNED BY 2,041 COMMUNITIES, WAS ON RESIDENTIAL AND COMMUNITY WASTES. THE STUDY PROVIDES AN OVERVIEW OF THE SITUATION IN 1973, IDENTIFIES PROBLEMS IN VARIOUS AREAS OF SOLID WASTE COLLECTION AND REMOVAL, AND IS TO SERVE AS A BASIS FOR PLANNING AND REORGANIZATION. THE SURVEY REVEALS, FOR EXAMPLE, THAT THE AMOUNT OF SOLID WASTE PER PERSON EACH YEAR IN AUSTRIA AVERAGES 179.3 KG, BUT VARIES ACCORDING TO COMMUNITY SIZE. OF ALL SOLID WASTE IN AUSTRIA, 73.9 PERCENT IS DUMPED, 23.7 PERCENT INCINERATED AND 2.4 PERCENT COMPOSTED. RESULTS OF THE SURVEY ARE QUANTIFIED IN 21 PAGES OF TABLES AND DIAGRAMS.

AUSTRIA

"BATTLE AGAINST DUMPS." SALZBURGER NACHRICHTEN

PM(B) GERMAN 04/10/75 PGS 5 EPA ID# 03013A

THIS ARTICLE REPORTS THAT THE ENVIRONMENT PROTECTION SECTION OF THE GOVERNMENT OF THE AUSTRIAN PROVINCE OF SALZBURG HAS DEVELOPED A COMPREHENSIVE PLAN FOR SOLID WASTE MANAGEMENT TO REPLACE THE CURRENT 80 UNCONTROLLED DUMPS WITH FOUR CENTRAL WASTE DISPOSAL SITES IN THE TOWNS OF BERGHEIN, ST. VEIT, ZELL AM SEE, AND TAMSWEG. INITIAL COSTS OF THE REORGANIZATION ARE ESTIMATED AT 160 MILLION AUSTRIAN SCHILLINGS AND YEARLY OPERATING COSTS AT 36 MILLION SCHILLINGS. THE COST OF COLLECTION SERVICES TO HOUSEHOLDERS WILL BE BASED ON THE DISTANCE FROM THE DUMPING SITE, BUT WILL NOT BE APPRECIABLY INCREASED. SOLID WASTES AND CLARIFICATION SLUDGE WILL BE COMPOSTED IN INSTALLATIONS AT THE FOUR PLANNED DUMPS. TRADITIONAL ECONOMIC SOLUTIONS WILL BE RELIED ON FOR THE DISPOSAL OF SPECIAL WASTES SUCH AS AUTOMOBILE WRECKS, WASTE OIL, TIRES, PAPER AND GLASS.

GERMAN DEM REP "HARMFUL MATERIALS CAN BE USEFUL." NEUES DEUTSCHLAND
SPICKERMANN, WOLFGANG
PM(B) GERMAN 05/26/75 PGS 2 EPA ID# 03011A
*GENERAL LAND USE

GERMAN DEM REP "ELECTRICAL ENERGY AND HEAT FROM RESIDENTIAL WASTE." NEUES DEUTSCHLAND
DOIL, ALFRED
PM(B) GERMAN 05/24/75 PGS 8 EPA ID# 03012A

THIS ARTICLE REPORTS THAT AFTER A SIX-MONTHS' TRIAL PERIOD, THE FIRST INCINERATOR FOR SOLID WASTE IN THE GERMAN DEMOCRATIC REPUBLIC HAS BEGUN FULL ACTIVITY, THUS FULFILLING AN OBJECTIVE OF THE NATIONAL FIVE-YEAR PLAN 1971-1975. THE FACILITY WILL CONVERT WASTES INTO DISTANT HEATING AND INTO ELECTRO-ENERGY AND WILL PRODUCE SLAG WHICH CAN BE USED IN AGRICULTURE AND IN THE BUILDING MATERIAL INDUSTRY. THE INCINERATOR CONVERTS 40 PERCENT OF EAST BERLIN'S SOLID WASTE INTO ELECTRIC ENERGY AND IS THE SOURCE OF HEAT FOR 10,000 RESIDENCES. ALL PROCEDURES ARE MECHANIZED AND ARE EQUIPPED WITH TECHNICAL DEVICES TO PREVENT ODOR AND DUST. THE INCINERATOR AND THE POWER PLANTS UTILIZE THE SAME SMOKESTACKS, FUEL OIL TANKS, AND FACILITIES FOR PREPARATION OF WATER AND RETRIEVAL OF COOLING WATER. THE ARTICLE DESCRIBES THE PHASES OF OPERATION OF THE INCINERATOR.

GERMANY,FED REP OF "ONE HUNDRED COLLECTION SITES FOR AUTOMOBILE WRECKS PLANNED." STUTTGARTER ZEITUNG
PM(B) GERMAN 04/04/75 PGS 5 EPA ID# 02956A

THIS ARTICLE REPORTS THAT THE MINISTRY FOR ENVIRONMENTAL PROTECTION IN THE FEDERAL STATE OF BADEN-WUERTTEMBERG (FEDERAL REPUBLIC OF GERMANY) PLANS TO REDUCE COLLECTION POINTS FOR AUTO WRECKS TO APPROXIMATELY 100, ALL OF WHICH MUST CONFORM TO STATE GOVERNMENT SPECIFICATIONS AND HAVE WATERTIGHT BASINS. IN ADDITION, THE STATE PROJECTS THE CONSTRUCTION OF SEVERAL SHREDDING FACILITIES TO DESTROY AUTO WRECKS. ABOUT 324,000 AUTO WRECKS ARE ESTIMATED FOR 1980 IN THE STATE, AND STATE OFFICIALS HOPE TO PROVIDE A COLLECTION SITE WITHIN 20 KILOMETERS OF EACH DRIVER. WHILE DISPOSAL OF WRECKED AUTOS IS TO REMAIN A FUNCTION OF PRIVATE ENTERPRISE, IT IS HOPED THAT STATE REGULATIONS WILL ENSURE ECONOMICALLY AND ENVIRONMENTALLY FAVORABLE REMOVAL. GOVERNMENT GUIDELINES ARE ALSO TO PROTECT SURFACE AND GROUNDWATER RESERVES. STATE SUBSIDIES FOR THE CONSTRUCTION OF SHREDDING FACILITIES HAVE BEEN SUGGESTED.

GREAT BRITAIN
INDUSTRIAL WASTES. A WORKING PARTY DOCUMENT EMBODYING A PROVISIONAL CODE OF PRACTICE FOR DISPOSAL OF WASTES
GREAT BRITAIN. INSTITUTION OF CHEMICAL ENGINEERS EPA
LR(B) ENGLISH 00/00/71 PGS 1-18 ID# 02969A
*WATER TOXIC SUBS

GREAT BRITAIN
DISPOSAL OF AWKWARD HOUSEHOLD WASTES
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA
LR(B) ENGLISH 00/00/74 PGS 1-42 ID# 02994A
ALSO PMR
WATER PESTICIDES TOXIC SUBS

AS A RESULT OF PARLIAMENTARY CONCERN OVER ENVIRONMENTAL POLLUTION ARISING FROM HOUSEHOLD WASTE DISPOSAL, THIS REPORT OF THE BRITISH DEPARTMENT OF THE ENVIRONMENT'S WORKING GROUP ON THE DISPOSAL OF AWKWARD HOUSEHOLD WASTES SETS FORTH GUIDELINES, PROCEDURES AND RECOMMENDATIONS FOR THE ADEQUATE DISPOSAL OF AWKWARD HOUSEHOLD WASTES. THE LEGAL BASIS FOR THIS REPORT IS IN SECTION 18 OF THE CIVIL AMENITIES ACT 1967, WHICH REQUIRES LOCAL AUTHORITIES "TO PROVIDE SITES FOR THE DISPOSAL OF REFUSE, OTHER THAN BUSINESS REFUSE, BY RESIDENTS AND OTHERS." HOUSEHOLD DISPOSAL OF MEDICINES AND POISONS, MEDICAL AND NURSING WASTES, PESTICIDES, SUMP OIL, MISCELLANEOUS WASTES AND BULKY DISCARDS IS DISCUSSED. IN ADDITION, THE CHAPTER ON PUBLICITY DISCUSSES THE DISSEMINATION OF INFORMATION CONCERNING DISPOSAL REGULATIONS AND DISPOSAL FACILITIES TO THE PUBLIC. APPENDIXES CONTAIN SUPPORTING INFORMATION INCLUDING GARDEN PESTICIDE USE, A DIAGRAM OF A CIVIC AMENITY SITE, AND A SPECIMEN LEAFLET CONTAINING INFORMATION ON PROPER PREPARATION AND DISPOSAL OF WASTES.

GREAT BRITAIN
THE MONITORING OF THE ENVIRONMENT IN THE UNITED KINGDOM
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA
PM(B) ENGLISH 00/00/74 PGS 1-66 ID# 02968A
*WATER AIR RADIATION

INTERNATIONAL
PAPERS ON EUROPEAN WASTE EXCHANGE SYSTEMS
EPA
PM(B) ENGLISH* 06/00/75 PGS 1-37 ID# 02989A
*ALSO DUTCH, FRENCH AND GERMAN

THIS COLLECTION OF DOCUMENTS ON EUROPEAN WASTE EXCHANGE SYSTEMS, COMPILED BY THE BELGIAN FEDERATION OF CHEMICAL ENGINEERS, CONTAINS ARTICLES BY REPRESENTATIVES OF THE SYSTEMS IN BELGIUM, THE FEDERAL REPUBLIC OF GERMANY, THE NETHERLANDS, THE NORDIC COUNTRIES, SWITZERLAND, AND THE UNITED KINGDOM. THE SYSTEMS, USUALLY ESTABLISHED AT THE INITIATIVE OF THE FEDERATION OF CHEMICAL ENGINEERS IN EACH NATION, FUNCTION AS INTERMEDIARIES BETWEEN FIRMS WHICH PRODUCE WASTES THAT THEY CANNOT FURTHER UTILIZE AND FIRMS WHICH COULD USE THESE WASTES, BUT ARE NOT AWARE OF THE SOURCE. TYPICALLY THE EXCHANGES DO NOT DEAL WITH MATERIALS FOR WHICH A FUNCTIONING MARKET ALREADY EXISTS, AND MOST CONCENTRATE ON THE EXPEDITION OF CHEMICAL WASTES. THE ORGANIZATIONS, MOST OF WHICH WERE ESTABLISHED IN 1972 AND 1973, PROMOTE RECYCLING IN THE INTERESTS OF MAXIMAL USE OF RAW MATERIALS AND ENVIRONMENTAL PROTECTION. A EUROPEAN EXCHANGE IS UNDER DISCUSSION. THE BELGIAN PAPER PROVIDES A TABULAR SUMMARY OF THE HISTORY AND FUNCTIONS OF SEVERAL NATIONAL EXCHANGES.

SOLID WASTE

SWEDEN

"SVANTE LUNDKVIST QUESTIONED ABOUT SWEDEN'S ENVIRONMENTAL POLICY." SUEDDEUTSCHE ZEITUNG
KLOECKER, JOHANN
EPA
PM(B) GERMAN 06/04/75 PGS 29, 31 ID# 03016A
*GENERAL

SWITZERLAND

"PREVENTION, COLLECTION AND UTILIZATION OF SOLID WASTES." NEUE ZUERCHER ZEITUNG
EPA
PM(B) GERMAN 02/18/75 PGS 30 ID# 02973A

THIS ARTICLE DISCUSSES MAJOR ASPECTS OF THE FIRST PROGRESS REPORT OF THE SWISS FEDERAL COMMISSION FOR SOLID WASTE MANAGEMENT. THE COMMISSION, ESTABLISHED IN FALL 1973 BY THE FEDERAL COUNCIL, CONSISTS OF REPRESENTATIVES OF THE FEDERAL GOVERNMENT, CANTONS, AND LOCAL GOVERNMENT, AS WELL AS THOSE OF CONSUMER GROUPS, RESEARCH INSTITUTES AND INTERESTED ECONOMIC CIRCLES. THE 26 COMMISSION MEMBERS AND FIVE WORK GROUPS CONCENTRATED ON THE FOLLOWING FIVE PRIORITY AREAS IN 1974: 1) EVALUATION OF ALTERNATIVE METHODS OF PACKAGING CONSUMER GOODS, 2) AVOIDANCE OF OVERPACKAGING AND PROMOTION OF REUSABLE PACKAGING, 3) STUDY OF QUESTIONS PERTAINING TO THE SEPARATE COLLECTION AND RECLAMATION OF PAPER, GLASS, SYNTHETIC MATERIALS AND METALS, 4) DEVELOPMENT OF BASIC PLANS FOR WASTE MANAGEMENT AND GUIDELINES FOR COLLECTION SERVICES, DUMPS, INCINERATORS AND COMPOSTING PLANTS, AND 5) EVALUATION OF THE CURRENT SITUATION IN REGARD TO PROBLEM WASTES FROM INDUSTRY AND COMMERCE AND THE CREATION OF THE NECESSARY ORGANIZATIONS AND FACILITIES TO DEAL WITH THEM.

TOXIC SUBS

GREAT BRITAIN

INDUSTRIAL WASTES. A WORKING PARTY DOCUMENT EMBODYING A PROVISIONAL CODE OF PRACTICE FOR DISPOSAL OF WASTES
GREAT BRITAIN. INSTITUTION OF CHEMICAL ENGINEERS EPA
LR(B) ENGLISH 00/00/71 PGS 1-18 ID# 02969A
*WATER SOLID WASTE

GREAT BRITAIN

DISPOSAL OF AWKWARD HOUSEHOLD WASTES
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA
LR(B) ENGLISH 00/00/74 PGS 1-42 ID# 02994A
ALSO PMB
*SOLID WASTE WATER PESTICIDES

TOXIC SUBS

ISRAEL

"PANEL OF MINISTERIAL REPRESENTATIVES ON ENVIRONMENTAL QUALITY." ISRAEL ENVIRONMENTAL BULLETIN, VOL. 2, NO. 2
ISRAEL. ENVIRONMENTAL PROTECTION SERVICE EPA
PM(A) ENGLISH 04/00/75 PGS 6 ID# 03002A
WATER

THIS ARTICLE CONCERNS ISRAEL'S PANEL OF MINISTERIAL REPRESENTATIVES ON ENVIRONMENTAL QUALITY, AN ADVISORY BODY TO THE GOVERNMENT ON ENVIRONMENTAL AFFAIRS. THE FUNCTIONS OF THE PANEL ARE: 1) TO GUIDE THE ENVIRONMENTAL PROTECTION SERVICE, ASSIGNING PRIORITIES AND RECEIVING REPORTS ON ITS ACTIVITIES; 2) TO COORDINATE ENVIRONMENTAL MANAGEMENT ACTIVITIES OF THE GOVERNMENT MINISTRIES; 3) TO INITIATE ACTIVITIES NOT INCLUDED IN THE RESPONSIBILITIES OF THE MINISTRIES; AND 4) TO MAKE DECISIONS ON MATTERS UNDER INTERMINISTERIAL MANAGEMENT. THE ARTICLE NOTES THAT THE PANEL DECIDED TO ESTABLISH AN INTERMINISTERIAL PANEL TO STUDY THE TRANSPORTING, PACKAGING, LOADING AND UNLOADING OF DANGEROUS CHEMICALS. AMONG THE FUNCTIONS OF THE INTERMINISTERIAL PANEL WILL BE: 1) IDENTIFICATION OF DANGEROUS CHEMICALS; 2) LAYING DOWN SECURITY AND FIRST AID RULES FOR TRANSPORTING CHEMICALS; AND 3) MAKING RECOMMENDATIONS ON LOADING, UNLOADING AND TRANSPORTING DANGEROUS CHEMICALS IN ISRAEL'S TERRITORIAL WATERS AND ON LAND.

USSR

"THE BASIS FOR A PERMISSIBLE LEVEL OF DISCHARGE OF PHTHALIC COMPOUNDS FROM POLYMERIC BUILDING MATERIALS." GIGIENA I SANITARIYA, NO. 1
ANTONYUK, O. K. EPA
LR(B) RUSSIAN 00/00/75 PGS 108-109 ID# 02986A
ALSO ST
AIR

THIS ARTICLE CONCERNS THE DETERMINATION IN THE USSR OF A PERMISSIBLE CONCENTRATION LIMIT IN THE AIR OF DIBUTYL PHTHALATE. THIS COMPOUND, USED IN THE MANUFACTURE OF POLYVINYL CHLORIDE MATERIALS FOR CONSTRUCTION PURPOSES, IS POTENTIALLY HARMFUL TO THE HEALTH OF WORKERS EXPOSED TO IT. THE ARTICLE DESCRIBES EXPERIMENTS CONDUCTED TO ESTABLISH THE RECOMMENDED PERMISSIBLE LIMIT OF DISCHARGE OF DIBUTYL PHTHALATE FROM POLYVINYL CHLORIDES, WHICH WAS DETERMINED TO BE 0.05 MG/M3. THIS CONCENTRATION LIMIT HAS BEEN APPROVED BY THE MINISTRY OF HEALTH.

USSR

"HYGIENIC STANDARDIZATION OF TIN DIBUTYL DIISOOCTYLTHIOGLYCOLATE IN WATER BODIES." GIGIENA I SANITARIYA, NO. 2
IGUMNOV, A. S. EPA
LR(B) RUSSIAN 00/00/75 PGS 13-17 ID# 02992A
ALSO ST
WATER

THIS ARTICLE CONCERNS THE ESTABLISHMENT IN THE USSR OF A PERMISSIBLE CONCENTRATION LIMIT FOR TIN DIBUTYL DIISOOCTYLTHIOGLYCOLATE (TDDIOG) IN WATER BODIES. TDDIOG IS A TOXIC SUBSTANCE USED AS A STABILIZING AGENT IN POLYVINYL CHLORIDE. THE ARTICLE DESCRIBES EXPERIMENTS CONDUCTED TO DETERMINE THE LEVEL OF HARMLESSNESS OF TDDIOG IN WATERCOURSES, WITH REGARD TO ITS EFFECT ON WATER PROPERTIES SUCH AS SMELL, AFTER-TASTE AND BIOCHEMICAL OXYGEN DEMAND. THE RECOMMENDED PERMISSIBLE CONCENTRATION LIMIT WAS DETERMINED TO BE 0.01 MG/L.

USSR

"THE THRESHOLD OF ODOR AND REFLEX ACTIVITY ON AN ORGANISM OF SMALL CONCENTRATIONS OF SELENIUM AND TELLURIUM DIOXIDES IN THE AIR." GIGIENA I SANITARIYA, NO. 2
YAKHIMOVICH, N. P.
LP(B) RUSSIAN 00/00/75 PGS 101-102 EPA ID# 03020A
ALSO ST
AIR

THIS ARTICLE CONCERNS THE ESTABLISHMENT IN THE USSR OF PERMISSIBLE CONCENTRATION LIMITS IN THE AIR IN POPULATED AREAS FOR SELENIUM AND TELLURIUM DIOXIDES. SELENIUM AND TELLURIUM ARE FOUND IN ORES PROCESSED AT COPPER-SMELTING PLANTS TO PRODUCE ROUGH COPPER AND ARE FORMED IN THE REFINING PROCESS OF ROUGH COPPER. THEY ARE ALSO WIDELY APPLIED IN SEVERAL OTHER BRANCHES OF INDUSTRY. A DETAILED DISCUSSION OF EXPERIMENTATION CONDUCTED TO DETERMINE HYGIENIC STANDARDS FOR SELENIUM AND TELLURIUM DIOXIDES IS PROVIDED. THE RECOMMENDED MAXIMUM CONCENTRATION LIMIT IN THE AIR FOR SELENIUM DIOXIDE, DETERMINED RELATIVE TO ITS ODOR AND ITS EFFECT ON THE ELECTRICAL ACTIVITY OF THE CORTEX OF THE BRAIN, IS 0.1 MICROGRAM PER CUBIC METER. THE RECOMMENDED CONCENTRATION LIMIT FOR TELLURIUM DIOXIDE, DETERMINED RELATIVE TO ITS ODOR WHEN BREATHED OUT, IS 1.0 MICROGRAM PER CUBIC METER.

WATER

AUSTRIA

NATURNAHER WASSERBAU (NATURAL APPROACHES TO HYDRAULIC ENGINEERING)
UPPER AUSTRIA. PROVINCIAL BUILDING DIRECTORATE
PM(B) GERMAN PGS 1-72 EPA ID# 02961A
ABOUT 1970

THIS BOOKLET, PUBLISHED BY AN OFFICE OF THE PROVINCIAL GOVERNMENT OF UPPER AUSTRIA, DISCUSSES WAYS IN WHICH CONSTRUCTION IN WATER MAY EMULATE NATURAL CONDITIONS. PART I, THE INTRODUCTION, CONTAINS INDIVIDUALLY AUTHORED ARTICLES ON THE FOLLOWING TOPICS: 1) CONSTRUCTION IN RIVERS AND PROTECTION OF THE COUNTRYSIDE, 2) THOUGHTS ON NATURAL APPROACHES TO HYDRAULIC ENGINEERING, 3) BODIES OF WATER AS LIVING ORGANISMS, AND 4) PROTECTIVE HYDRAULIC ENGINEERING AND FISHING. PART II DISCUSSES 1) NATURAL APPROACHES TO HYDRAULIC ENGINEERING IN UPPER AUSTRIA AND 2) FLOOD RESERVOIRS AND RETAINING BASINS. PART III CONSISTS OF SUGGESTIONS AND DIRECTIONS FOR NATURAL APPROACHES TO HYDRAULIC ENGINEERING. NUMEROUS PHOTOGRAPHS AND DIAGRAMS ILLUSTRATE THE TEXT.

BELGIUM

"DO NOT AWAIT EFFECTIVE LAWS BEFORE PURIFYING INDUSTRIAL POLLUTANTS." LE SOIR
PONCIN, JACQUES
FM(B) FRENCH 05/28/75 PGS 8 EPA ID# 02982A

THIS ARTICLE NOTES THAT, ALTHOUGH PROGRESS WITH REGARD TO WATER POLLUTION CONTROL HAS BEEN GENERALLY SLOW IN BELGIUM, SEVERAL RECENT WATER PROTECTION MEASURES HAVE BEEN UNDERTAKEN. A WATER BASIN AGENCY WILL SOON BE FUNCTIONING IN THE COASTAL REGION AS THE ORGAN RESPONSIBLE FOR WASTE PURIFICATION. ALSO, A NEW GENERAL REGULATION ON THE DISCHARGE OF WASTEWATER INTO WATERCOURSES WILL BE ISSUED WITHIN TWO OR THREE MONTHS, AND PARTICULAR STANDARDS APPLICABLE TO CERTAIN AREAS WILL BE DEFINED BY THE GOVERNMENT BEFORE THE END OF THE CURRENT YEAR. FURTHERMORE, THE KING RECENTLY SIGNED A DECREE CONCERNING STATE AID TO ENTERPRISES IN ORDER THAT THEY MAY OBTAIN WASTE PURIFICATION EQUIPMENT; SUCH SUBSIDIES ARE TO BE RETROACTIVE TO JANUARY 1, 1973.

BRAZIL

LR(B)

"THE ANTIPOLLUTION BILL." O GLOBO
PORTUGUESE 06/11/75 PGS 16 EPA ID# 02959A
ALSO PMA AND PMB
*GENERAL RADIATION

GERMANY,FED REP OF

PM(A)

ARBEITSPROGRAMM 1975 DER LANDESANSTALT FUER UMWELTSCHUTZ BADEN-WUERTTEMBERG
(WORKING PROGRAM 1975 OF THE STATE OFFICE FOR ENVIRONMENTAL PROTECTION OF BADEN-WUERTTEMBERG)
BADEN WUERTTEMBERG. OFFICE FOR ENVIRONMENTAL PROTECTION EPA
GERMAN 03/07/75 PGS 1-6 ID# 02983A
*GENERAL AIR NOISE RADIATION

GERMANY,FED REP OF

PM(B)

"BRUENNER: WATER QUALITY HAS ALREADY IMPROVED." STUTTGARTER ZEITUNG EPA
GERMAN 04/24/75 PGS 5 ID# 03014A

THIS ARTICLE SUMMARIZES DISCUSSIONS IN THE LEGISLATIVE ASSEMBLY OF THE FEDERAL STATE OF BADEN-WUERTTEMBERG IN THE FEDERAL REPUBLIC OF GERMANY REGARDING DISPOSAL OF SPECIAL WASTES AND WATER PURIFICATION. THE STATE ENVIRONMENT MINISTRY WILL SOON SUBMIT TO THE ASSEMBLY A PLAN WHICH WOULD SPECIFY LOCATIONS FOR TOXIC WASTE DUMPING SITES AS WELL AS FOR COLLECTION AND PRETREATMENT STATIONS. A COMPANY FOR REMOVAL OF SUCH WASTES, SUPPORTED MUTUALLY BY THE FEDERAL STATE, COMMUNITIES AND INDUSTRY, IS TO ASSUME RESPONSIBILITY FOR AN EXISTING SPECIAL WASTE DEPOSITORY. THE ENVIRONMENT MINISTER ALSO NOTED THAT PARTICULAR ATTENTION HAS BEEN DEVOTED TO WATER QUALITY IN THE NECKAR RIVER, AND THAT A PLANNED INCREASE OF THE STATE PENALTY FOR BREECHES OF THE SEWAGE REGULATIONS HAD ALREADY PRODUCED RESULTS. IN THE LAST FIVE YEARS, 500 MILLION GERMAN MARKS HAVE BEEN SPENT ON WASTEWATER REMOVAL EFFORTS. ONE DEPUTY DECLARED THAT SEWAGE PURIFICATION PLANTS CANNOT CARRY THE ENTIRE LOAD OF POLLUTION PREVENTION AND THAT OTHER MEASURES ARE ALSO NEEDED.

GREAT BRITAIN

LP(B)

INDUSTRIAL WASTES. A WORKING PARTY DOCUMENT EMBODYING A PROVISIONAL CODE OF PRACTICE FOR DISPOSAL OF WASTES
GREAT BRITAIN. INSTITUTION OF CHEMICAL ENGINEERS EPA
ENGLISH 00/00/71 PGS 1-18 ID# 02969A
SOLID WASTE TOXIC SUBS

THIS PUBLICATION, PREPARED BY THE BRITISH INSTITUTION OF CHEMICAL ENGINEERS AT THE SUGGESTION OF THE ROYAL COMMISSION ON ENVIRONMENTAL POLLUTION, PRESENTS A PROVISIONAL CODE OF PRACTICE FOR THE DISPOSAL OF WASTES IN GREAT BRITAIN. AN OVERALL VIEW OF THE PROBLEM OF WASTE DISPOSAL IN GREAT BRITAIN IS GIVEN, INCLUDING COLLECTION AND TRANSPORT, DEPOSIT, PROCESSING AND ADMINISTRATION OF WASTES. BASED ON CURRENT PRACTICES AND EXISTING LEGISLATION APPLICABLE TO WASTE DISPOSAL, THE PUBLICATION DEFINES AND CLASSIFIES WASTES AND FORMULATES A PROVISIONAL CODE OF PRACTICE FOR PRODUCERS, CARRIERS, PROCESSORS AND DEPOSITORS OF WASTES. IT IS EXPECTED THAT NEW DEVELOPMENTS IN WASTE DISPOSAL METHODS AND MORE ADEQUATE WASTE DISPOSAL LAWS WILL RESULT IN FUTURE AMENDMENTS TO THIS CODE, ENDING ITS PRESENT PROVISIONAL NATURE. APPENDIX I TO THE PUBLICATION CONTAINS NOTES ON CLASSIFICATION OF WASTES TAKEN FROM VARIOUS OFFICIAL PUBLICATIONS ON THE HANDLING OF DANGEROUS SUBSTANCES. APPENDIX II CONTAINS SAMPLES OF CERTIFICATES ON WASTE QUALITY AND CONTENT.

GREAT BRITAIN
LR(B)

DISPOSAL OF AWKWARD HOUSEHOLD WASTES
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA
ENGLISH 00/00/74 PGS 1-42 ID# 02994A
ALSO PMB
*SOLID WASTE PESTICIDES TOXIC SUBS

GREAT BRITAIN
PM(B)

SECOND REPORT OF THE STEERING COMMITTEE ON WATER QUALITY
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA
ENGLISH 00/00/74 PGS 1-32 ID# 003358
ALSO PMA

THIS REPORT REVIEWS THE RESULTS OF RECOMMENDATIONS MADE IN THE FIRST REPORT OF THE STEERING COMMITTEE ON WATER QUALITY AND SETS FORTH ADDITIONAL RECOMMENDATIONS FOR WATER QUALITY IMPROVEMENT IN THE UNITED KINGDOM. THE SUCCESS OF THE RIVER BASIN COMMITTEES IS NOTED, AND MORE LEGISLATIVE POWER FOR THESE COMMITTEES IS RECOMMENDED. CONCENTRATIONS OF DIFFERENT SUBSTANCES IN WATER AND OTHER WATER QUALITY CRITERIA ARE DISCUSSED. THE REPORT CONCLUDES THAT MORE RESEARCH IS NEEDED INTO THE EFFECTS OF LOWER LEVELS OF POLLUTION ON PUBLIC HEALTH, WILDLIFE, AGRICULTURE AND INDUSTRY. COOPERATION AND INFORMATION EXCHANGE WITH THE NEWLY ESTABLISHED COMMITTEE ON MEDICAL ASPECTS OF CHEMICALS IN THE ENVIRONMENT IS EXPECTED TO LEAD TO APPROPRIATE GUIDELINES FOR SETTING POTABLE WATER STANDARDS. THE ADOPTION OF WHO STANDARDS FOR UPPER LIMITS OF LEAD CONCENTRATION IN POTABLE WATER IS ALSO RECOMMENDED. APPENDIXES TO THE REPORT INCLUDE DISCUSSIONS ON THE SIGNIFICANCE OF NITRATES IN POTABLE WATER, WATER QUALITY CONTROL IN ENGLAND AND WALES, AND PUBLIC WATER SUPPLIES.

GREAT BRITAIN
PM(B)

RIVER POLLUTION SURVEY OF ENGLAND AND WALES, UPDATED 1972. RIVER QUALITY
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA
ENGLISH 00/00/72 PGS 1-16 ID# 009768

THIS PUBLICATION WAS ISSUED BY THE WELSH OFFICE OF THE BRITISH DEPARTMENT OF THE ENVIRONMENT TO UPDATE THE FIRST SURVEY OF RIVER POLLUTION IN ENGLAND AND WALES CARRIED OUT IN 1970 AND TO PROVIDE A MEANS OF ASSESSING EFFORTS TO COMBAT RIVER POLLUTION IN ENGLAND AND WALES. THE 1972 UPDATING RECORDS THE CHEMICAL QUALITY OF SEVERAL BRITISH RIVERS AND CANALS AND SUBSEQUENTLY DETAILS CHANGES IN QUALITY THAT HAVE TAKEN PLACE SINCE THE 1970 SURVEY. THE COMPARISON BETWEEN THE 1970 AND 1972 SURVEYS SHOWS SMALL BUT SIGNIFICANT ACHIEVEMENTS IN IMPROVED RIVER WATER QUALITY AND IN INCREASED LENGTHS OF UNPOLLUTED SECTIONS OF THE SURVEYED RIVERS. THE METHODS AND PROCEDURES USED IN CONDUCTING THE UPDATED SURVEY ARE EXPLAINED, AND THE COMPARATIVE STATISTICS ON RIVER QUALITY IMPROVEMENT WITHIN THE DIFFERENT RIVER AUTHORITY REGIONS ARE TABULATED.

GREAT BRITAIN

PM(B)

THE MONITORING OF THE ENVIRONMENT IN THE UNITED KINGDOM
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA
ENGLISH 00/00/74 PGS 1-66 ID# 02968A
AIR SOLID WASTE RADIATION

THIS REPORT, PREPARED BY THE CENTRAL UNIT OF ENVIRONMENTAL POLLUTION OF THE BRITISH DEPARTMENT OF THE ENVIRONMENT AFTER THREE YEARS OF COLLECTING DATA, PRESENTS A SURVEY OF THE OVERALL ENVIRONMENTAL MONITORING EFFORT IN THE UNITED KINGDOM AND SUGGESTS HOW MONITORING SYSTEMS SHOULD BE IMPROVED IN THE FUTURE. CITING A DISPARITY IN MONITORING PROCEDURES, THE REPORT EMPHASIZES THAT MONITORING PROGRAMS COULD BE BETTER COORDINATED THROUGH MANAGEMENT GROUPS, MAKING DATA MORE RELIABLE AND REPRESENTATIVE OF THE ENTIRE COUNTRY. THE REPORT ALSO CITES A NEED FOR FLEXIBILITY IN MONITORING PROGRAMS TO ACCOMMODATE NEW DEVELOPMENTS IN RESEARCH AND IN INTERNATIONAL COOPERATION. CHAPTER I OF THE REPORT IS AN INTRODUCTION, CHAPTER II SUMMARIZES THE PRESENT SITUATION AND FUTURE NECESSITIES, AND CHAPTERS III THROUGH VII GIVE DETAILED DESCRIPTIONS OF PRESENT AND PROPOSED ARRANGEMENTS FOR MONITORING POLLUTION IN THE AIR AND WATER, ON LAND AND FROM RADIOACTIVE SUBSTANCES. ANNEX A LISTS THE MAJOR EXISTING MONITORING PROGRAMS.

GREAT BRITAIN

PM(B)

POLLUTION IN FOUR INDUSTRIALIZED ESTUARIES
PORTER, ELIZABETH EPA
ENGLISH 00/00/73 PGS 1-98 ID# 02970A
ALSO SE

THIS PUBLICATION, PREPARED FOR THE BRITISH ROYAL COMMISSION ON ENVIRONMENTAL CONTROL, CONTAINS DETAILED CASE STUDIES RELATING TO CHANGES IN POPULATION GROWTH AND INDUSTRIAL DEVELOPMENT IN THE TEES, MERSEY, HUMBER AND CLYDE ESTUARIES OF GREAT BRITAIN. THESE CASE STUDIES DISCUSS DEVELOPMENTAL CHANGES, THE DISPOSAL OF INDUSTRIAL EFFLUENTS AND SEWAGE, AND THE RESULTANT EFFECT OF THESE ACTIVITIES ON WATER QUALITY IN THE ESTUARINE REGIONS. THE OPPORTUNITIES FOR TREATMENT OF EFFLUENTS AND FOR THE APPLICATION OF LEGAL CONTROL IN THE STUDIED REGIONS ARE ALSO DISCUSSED. TYPES OF DISCHARGES IN THE ESTUARIES ARE SURVEYED, AND THE COSTS AND BENEFITS OF POLLUTION ABATEMENT ARE SUMMARIZED. THE PUBLICATION FINDS A DEFINITE CORRELATION BETWEEN INCREASED DEVELOPMENT AND INCREASED POLLUTION. HOWEVER, TREATMENT OF SEWAGE AND EFFLUENTS HAS BEEN FOUND TO LESSEN POLLUTION LOAD CONSIDERABLY AND IS THEREFORE SEEN AS A NECESSARY CONSIDERATION IN FUTURE DEVELOPMENT PLANS FOR ESTUARINE AREAS.

GREAT BRITAIN

PM(A)

THE NEW WATER INDUSTRY MANAGEMENT AND STRUCTURE
GREAT BRITAIN. DEPARTMENT OF THE ENVIRONMENT EPA
ENGLISH 06/00/73 PGS 1-84 ID# 02975A

THIS PUBLICATION PRESENTS THE REPORT AND RECOMMENDATIONS OF THE MANAGEMENT STRUCTURE COMMITTEE, APPOINTED BY THE BRITISH SECRETARY OF STATE FOR THE ENVIRONMENT TO FORMULATE A NEW MANAGEMENT STRUCTURE FOR REGIONAL WATER ADMINISTRATION IN ENGLAND AND WALES. THE PREVIOUS WATER ADMINISTRATION SET-UP IS DESCRIBED AND THE PROPOSALS AND PREPARATIONS FOR CREATING THE TEN NEW REGIONAL AUTHORITIES ARE CITED. THE ADMINISTRATIVE, ORGANIZATIONAL AND MANAGERIAL ATTRIBUTES OF THE NEW AUTHORITIES ARE DISCUSSED AS WELL AS THEIR SPECIAL FUNCTIONS REGARDING LEGAL MATTERS, ESTATES, PUBLIC AND CONSUMER RELATIONS, PERSONNEL, MANAGEMENT SERVICES AND RESEARCH. SUPPORTIVE INFORMATION INCLUDED IN THE REPORT INCLUDES AN ANNOTATED SUMMARY, A TABLE OF STATISTICS AND A MAP DENOTING REGIONS ADMINISTERED BY EACH NEW AUTHORITY.

GREAT BRITAIN

PM(B)

NORTH SEA OIL AND THE ENVIRONMENT. A REPORT TO THE OIL DEVELOPMENT COUNCIL FOR SCOTLAND
GREAT BRITAIN. SCOTTISH ECONOMIC PLANNING DEPARTMENT EPA
ENGLISH 00/00/74 PGS 1-22 ID# 02991A
ALSO SE
LAND USE

THIS DOCUMENT REPRESENTS THE REPORT OF THE COMMITTEE ESTABLISHED BY THE OIL DEVELOPMENT COUNCIL FOR SCOTLAND TO CONSIDER THE POSSIBLE ENVIRONMENTAL AND ECONOMIC PROBLEMS RELATED TO THE EXPLOITATION OF NORTH SEA OIL RESERVES, ESPECIALLY IN LIGHT OF FUTURE ECONOMIC INDICATORS. CONCLUSIONS AND RECOMMENDATIONS ARE GIVEN EMPHASIZING THE NEED FOR PROPER STEPS TO BE TAKEN IN THE PLANNING STAGES OF OIL DEVELOPMENT TO AVOID ENVIRONMENTAL AND ECONOMIC DAMAGE TO GREAT BRITAIN. THE URGENCY OF THE PRESENT ENVIRONMENTAL AND ECONOMIC SITUATION IS ALSO STRESSED. IN FORMULATING THESE CONCLUSIONS AND RECOMMENDATIONS, THE COMMITTEE REPORT DISCUSSES THE FOLLOWING TOPICS: THE IMPACT OF OIL DEVELOPMENT, THE ECONOMIC BENEFITS OF OIL DEVELOPMENT AND NATIONAL INTERESTS, PLANNING PROCEDURES AND CONDITIONS, ENVIRONMENTAL PROTECTION AND SAFETY, AND THE COASTAL PLANNING FRAMEWORK.

GREAT BRITAIN

SE( )

ENERGY AND THE ENVIRONMENT
GREAT BRITAIN. ROYAL SOCIETY OF ARTS EPA
ENGLISH 07/00/74 PGS 1-45 ID# 02984A
ALSO PMB AND LRB
AIR RADIATION LAND USE

THIS REPORT WAS PREPARED BY A WORKING PARTY SET UP JOINTLY BY THE COMMITTEE FOR ENVIRONMENTAL CONSERVATION, THE ROYAL SOCIETY OF ARTS AND THE INSTITUTE OF FUEL TO EXAMINE AND REPORT ON THE ENVIRONMENTAL IMPLICATIONS OF THE DEVELOPMENT AND USE OF ENERGY RESOURCES AVAILABLE TO GREAT BRITAIN. IT DISCUSSES THE POLITICAL, SOCIAL AND ENVIRONMENTAL ISSUES REGARDING THE DEVELOPMENT OF OIL AND COAL RESERVES, NUCLEAR AND OTHER SOURCES OF ENERGY AND SETS FORTH CONCLUSIONS AND RECOMMENDATIONS STRESSING ADMINISTRATIVE CONTROL OVER ENERGY DEVELOPMENT ACTIVITIES IN ORDER TO BEST REGULATE ENERGY DEMAND AND MINIMIZE ENVIRONMENTAL DAMAGE. SPECIFIC CHAPTERS DEAL WITH THE EFFECT OF ENERGY DEVELOPMENT ON AIR POLLUTION, MARINE AND RIVER POLLUTION, THERMAL POLLUTION AND RADIOACTIVE CONTAMINATION OF THE ENVIRONMENT. THE LAST CHAPTER, "ENERGY, THE ENVIRONMENT AND PUBLIC POLICY," DISCUSSES ENERGY DEVELOPMENT AND POLLUTION CONTROL IN RELATION TO NATIONAL ECONOMICS AND PRESENT PLANNING POLICIES.

INDIA

"AN ACT (NO. 6 OF 1974) TO PROVIDE FOR THE PREVENTION AND CONTROL OF WATER POLLUTION..." INT. DIG. OF HLTH. LEG., VOL. 26, NO. 1
WORLD HEALTH ORGANIZATION, COMP.

LR(A) ENGLISH 00/00/75 PGS 127-138 EPA ID# 02985A

THIS ACT CREATES A CENTRAL BOARD FOR THE PREVENTION AND CONTROL OF WATER POLLUTION AT THE CENTRAL GOVERNMENT LEVEL AS WELL AS STATE BOARDS FOR EACH OF THE INDIAN STATES AND UNION TERRITORIES. STATE BOARD FUNCTIONS INCLUDE THE ESTABLISHMENT OF WATER QUALITY STANDARDS, THE DEVELOPMENT OF STATE WIDE COMPREHENSIVE PROGRAMS FOR THE PREVENTION OF WATER POLLUTION AND THE ADOPTION OF SUCH REMEDIAL MEASURES AS ARE NECESSARY TO PREVENT, CONTROL OR ABATE WATER POLLUTION. THE FUNCTIONS OF THE CENTRAL BOARD INCLUDE THE COORDINATION OF STATE BOARD ACTIVITIES, THE COMPILATION OF TECHNICAL AND STATISTICAL MATERIAL ON WATER POLLUTION, THE ESTABLISHMENT OF POLLUTION ABATEMENT STANDARDS IN COOPERATION WITH THE STATES, AND THE CONTRIBUTION OF TECHNICAL ASSISTANCE TO THE STATE BOARDS. FURTHER PROVISIONS OF THE LAW CONCERN MEASURES OF POLLUTION CONTROL SUCH AS THE ESTABLISHMENT OF CONTROL AREAS AND THE REGULATION OF DISCHARGES. FINAL CONSIDERATIONS DEAL WITH PENAL SANCTIONS AND THE POWERS OF THE LOCAL AND CENTRAL AUTHORITIES.

INTERNATIONAL

"COOPERATION IN THE AREA OF WATER MANAGEMENT." NEUES DEUTSCHLAND

PM(B) GERMAN 07/14/75 PGS 2 EPA ID# 03010A

THIS ARTICLE REPORTS THAT THE MINISTER FOR ENVIRONMENT AND WATER MANAGEMENT OF THE GERMAN DEMOCRATIC REPUBLIC AND THE MINISTER FOR FORESTRY AND ENVIRONMENTAL PROTECTION OF BULGARIA HAVE SIGNED AN AGREEMENT REGARDING CONTINUED COOPERATION IN THE AREAS OF WATER MANAGEMENT AND ENVIRONMENTAL PROTECTION AND ADOPTING A WORK PLAN FOR THE PERIOD 1976-1980. MAJOR AREAS OF COOPERATION WILL CONCENTRATE ON SCIENTIFIC-TECHNICAL EFFORTS IN UTILIZATION AND PROTECTION OF WATER BODIES. ALSO PLANNED IS MUTUAL DEVELOPMENT OF PROCEDURES AND FACILITIES TO ARTIFICIALLY OXYGENATE BARRAGES AND RIVERS AS WELL AS WASTEWATER AND WATER INTENDED FOR DRINKING. FURTHER PLANS INVOLVE COOPERATION IN THE MANAGEMENT OF BARRAGES AND RIVERS.

INTERNATIONAL

"LAKE CONSTANCE HAS BECOME SOMEWHAT CLEANER." STUTTGARTER ZEITUNG

PM(B) GERMAN 04/23/75 PGS 21 EPA ID# 03015A

THIS ARTICLE LISTS SOME OF THE ACHIEVEMENTS OF THE INTERNATIONAL WATER PROTECTION COMMISSION FOR LAKE CONSTANCE REPORTED DURING A MEETING MARKING THE FIFTEENTH YEAR OF THE GROUP, FORMED WHEN AUSTRIA, SWITZERLAND AND THE GERMAN FEDERAL STATES OF BADEN-WUERTTEMBERG AND BAVARIA SIGNED THE "AGREEMENT ON THE PROTECTION OF LAKE CONSTANCE FROM POLLUTION." FROM 1960-1972 MEMBERS INVESTED ABOUT ONE BILLION GERMAN MARKS IN WATER PROTECTION MEASURES, AND A FURTHER INVESTMENT BY 1980 OF ABOUT TWO BILLION MARKS IS PROJECTED. IMPROVEMENTS IN SOME SHORE AREAS ARE NOTED, PARTICULARLY WHERE SEWAGE IS NOW ADEQUATELY TREATED IN PURIFICATION PLANTS. IN BADEN-WUERTTEMBERG ALL SEWAGE PURIFICATION PLANTS AROUND THE LAKE ARE TO BE COMPLETED BY THE END OF 1975. BAVARIAN COMMUNITIES AROUND THE CITY OF LINDAU ARE SERVED BY A FULL BIOLOGICAL PURIFICATION FACILITY. IN PERTINENT AUSTRIAN AREAS, SIX REGIONAL AND 36 COMMUNAL PLANTS, INCLUDING TWO WITH TRIAL PHOSPHATE SEPARATION, ARE NEARLY COMPLETED. THE SWISS REPORT 13 CENTRAL PLANTS IN THE AREA TO BE COMPLETED THIS YEAR.

ISRAEL

PM(A)

"PANEL OF MINISTERIAL REPRESENTATIVES ON ENVIRONMENTAL QUALITY." ISRAEL ENVIRONMENTAL BULLETIN, VOL. 2, NO. 2
ISRAEL. ENVIRONMENTAL PROTECTION SERVICE
ENGLISH 04/00/75 PGS 6 EPA ID# 03002A
*TOXIC SUBS

LUXEMBURG

PM(B)

"FOR PURE WATER." DIE WELT
KUHLMANN, ALBERT
GERMAN 05/27/75 PGS 11 EPA ID# 03008A

THIS ARTICLE STATES THAT NORMAL ECONOMIC GROWTH IN THE INDUSTRIAL NATIONS WILL CAUSE A DOUBLING OF THE WATER DEMAND IN THE NEXT 30 YEARS, AND THAT RIVERS AND LAKES MUST BE CLEANED UP SUFFICIENTLY IN THAT TIME TO PROVIDE DRINKING WATER AND WATER FOR INDUSTRIAL PURPOSES. MATHEMATICAL TOOLS MAY BE INVALUABLE IN ATTAINING THESE GOALS. THE BIOLOGICAL DEGRADABILITY OF POLLUTANTS MAY BE ESTABLISHED, AND THE OXYGEN DEMAND OF LIFE IN A BODY OF WATER MAY THEN BE CALCULATED ON THE BASIS OF MATHEMATICAL MODELS. MATHEMATICAL EVALUATIONS PERTAINING TO THE ADEQUACY OF PURIFICATION PLANTS SERVING A GIVEN BODY OF WATER MAY ALSO BE MADE, AND COMPREHENSIVE COMPUTERIZED INFORMATION BANKS CAN STORE DATA ABOUT POLLUTION SOURCES AND PATTERNS. SUCH TOOLS ARE BEING EMPLOYED IN LUXEMBURG TO REHABILITATE THE BIOLOGICALLY "DEAD" ALZETTE RIVER.

MEXICO

PM(B)

NUTRIENTES EN EL AGUA (NUTRIENTS IN WATER)
URROZ JIMENEZ, ELOY AND OTHERS
SPANISH PGS 1-12 EPA ID# 02958A
ALSO ST

THIS PUBLICATION OF THE MEXICAN SECRETARIAT OF WATER RESOURCES DISCUSSES ECOLOGICAL PROBLEMS ARISING FROM THE PRESENCE OF EXCESSIVE NUTRIENTS SUCH AS NITROGEN AND PHOSPHORUS IN WATERWAYS. VARIOUS TYPES OF DOMESTIC AND INDUSTRIAL WASTEWATER DISCHARGES AS WELL AS WASHING OF FERTILIZERS FROM CULTIVATED LANDS ARE THE MAJOR SOURCES OF THESE NUTRIENTS WHICH CONTRIBUTE TO EXCESSIVE GROWTH OF ALGAE AND AQUATIC PLANTS AND LEAD TO EUTROPHICATION OF STREAMS AND LAKES. VARIOUS PHYSICAL AND CHEMICAL TREATMENT PROCESSES ARE DESCRIBED, AND IT IS CONCLUDED THAT THE METHODS OF BIOLOGICAL DENITRIFICATION AND CHEMICAL PRECIPITATION ARE THE MOST ADEQUATE FOR REMOVING NITROGEN AND PHOSPHORUS RESPECTIVELY FROM WASTEWATER. THE PUBLICATION ALSO CITES THE NECESSITY FOR RESEARCH INTO ALTERNATIVE OR BETTER CONTROLLED METHODS OF CROP CULTIVATION TO PREVENT FERTILIZERS FROM WASHING INTO STREAMS AND LAKES.

WATER

NORWAY

"JULY 14, 1972 REGULATIONS CONCERNING THE DUMPING OF SUBSTANCES LIABLE TO HAVE HARMFUL EFFECTS ON MARINE LIFE AND HUMAN HEALTH." NORSK LOVTIDEND, PART I, NO. 24
EPA

LR(A) NORWEGIAN 08/15/72 PGS 969-973 ID# 01460B

THESE REGULATIONS, PROMULGATED BY A CROWN RESOLUTION, HAVE BEEN ISSUED IN PURSUANCE OF CERTAIN PROVISIONS OF THE JUNE 26, 1970 LAW ON THE PREVENTION OF WATER POLLUTION. THEY REPEAL THE REGULATIONS OF JUNE 11, 1971 ON THE PROHIBITION OF THE DUMPING OF TOXIC WASTES INTO THE SEA, AS AMENDED. PROHIBITED BY THE REGULATIONS IS THE UNAUTHORIZED DUMPING OF SUBSTANCES AND OBJECTS FROM SHIPS AND AIRCRAFTS INTO (1) THE HIGH SEAS, AND (2) NORWEGIAN AND SPECIFIED FOREIGN TERRITORIAL WATERS. DESIGNATED IN THE REGULATIONS ARE THOSE SUBSTANCES FOR WHICH DUMPING PERMITS MAY BE GRANTED. SPECIAL PERMITS ARE MADE MANDATORY FOR THE DUMPING OF A SECOND CATEGORY OF SUBSTANCES COMPRISING SUBSTANCES WHICH, THOUGH OF A NON-TOXIC NATURE, MAY BECOME HARMFUL DUE TO THE QUANTITIES IN WHICH THEY ARE DUMPED.

SWEDEN

JOURNAL WATER POLLUTION CONTROL FEDERATION, VOL. 47 (ISSUE ON SWEDEN)
PIECUCH, PETER J., ED.
EPA

PM(B) ENGLISH 04/00/75 PGS 663-910 ID# 02966A

THIS ISSUE OF THE WATER POLLUTION CONTROL FEDERATION'S JOURNAL DEALS EXCLUSIVELY WITH WATER CONTROL PROGRAMS AND TECHNOLOGY IN SWEDEN. THE PAPERS, CONTRIBUTED BY SWEDISH SCIENTISTS, TREAT ENVIRONMENTAL, LEGISLATIVE, AND SOCIAL, AS WELL AS TECHNOLOGICAL ASPECTS OF THE PROGRAMS. THE FOLLOWING TITLES ARE ILLUSTRATIVE OF THE 25 ARTICLES IN THE ISSUE: WATER CONSERVATION IN SWEDEN (I. LEGISLATION, II. POLLUTION CONTROL, III. CURRENT TRENDS); UNDERGROUND WASTEWATER TREATMENT PLANTS; FINAL DISPOSAL OF MUNICIPAL SLUDGE IN SWEDEN; SWEDISH EXPERIENCES IN CHEMICAL TREATMENT OF WASTEWATER; KINETICS OF ACTIVATED CARBON ADSORPTION; MINITEST METHOD FOR MONITORING EFFLUENT QUALITY; NITROGEN REMOVAL IN A PILOT PLANT; COMPOSTING AND USE OF COMPOST IN SWEDEN; INDUSTRY EFFORTS FOR THE ENVIRONMENT; ENVIRONMENTAL PROTECTION IN KRAFT PULP MILLS; WATER POLLUTION FROM AGRICULTURE; AND OIL SPILL PROTECTION IN THE BALTIC SEA. PAGES 875-910 CONTAIN ABSTRACTS OF MANY OF THE ARTICLES IN ENGLISH, FRENCH, GERMAN, PORTUGUESE, AND SPANISH.

SWEDEN

"ACIDIFICATION'S EFFECTS ON WEST COAST LAKES." STATENS NATURVARDSVERK PUBLIKATION 1973:7
HORNSTROM, EINAR AND OTHERS
EPA

ST( ) SWEDISH 00/00/73 PGS 1-97 ID# 02967A
ALSO PMB

THIS PUBLICATION STATES THAT IN LATE FALL 1970 AND SPRING 1971 OVER 300 LAKES IN THE WEST COAST REGION OF SWEDEN WERE STUDIED. THIS BOOKLET DISCUSSES A REPRESENTATIVE 50 OF THESE LAKES. QUALITATIVE AND QUANTITATIVE PHYTOPLANKTON ANALYSES WERE PERFORMED IN THE SAMPLES FROM THE LAKES, AND OVER 200 SPECIES WERE IDENTIFIED. THE RELATIONSHIP BETWEEN THE OCCURRENCE OF VARIOUS SPECIES AND THE WATER PH WAS OBSERVED. 49 SPECIES OF ZOOPLANKTON WERE FOUND, AND THEIR RELATIONSHIP TO WATER PH EXAMINED. NO QUANTITATIVE ANALYSES WERE MADE. CHANGES IN DIATOM IN THE UPPER SEDIMENT LAYERS OF THE LAKE STORE SKARSJON WERE NOTED, WHICH MAY BE THE RESULT OF LAKE ACIDIFICATION. THE CHEMISTRY OF THE EXAMINED LAKES WAS INVESTIGATED, AND PH IN OVER 30 PERCENT FOUND LOWER THAN 5. A GENERAL LOWERING OF PH BY 1.8 UNITS SINCE THE 1930'S WAS OBSERVED. THE BOOKLET INCLUDES AN ENGLISH ABSTRACT AND BIBLIOGRAPHIES FOLLOWING EACH OF THE INDIVIDUAL SECTIONS ON PHYTOPLANKTON AND ZOOPLANKTON, DIATOMS, AND CHEMISTRY.

UNITED NATIONS

"U.N. ENVIRONMENTAL PROTECTION PROGRAM FOR THE MEDITERRANEAN." NEUE ZUERCHER ZEITUNG

PM(B) GERMAN 07/19/75 PGS 3 EPA ID# 02996A

THIS ARTICLE REPORTS THAT DURING THE THIRD COUNCIL MEETING OF THE UNITED NATIONS ENVIRONMENT PROGRAMME IN NAIROBI, A "MEDITERRANEAN ACTION PLAN" WAS DEVELOPED BY 16 NATIONS (ALGERIA, EGYPT, FRANCE, GREECE, ISRAEL, ITALY, LEBANON, LIBYA, MALTA, MONACO, MOROCCO, SPAIN, SYRIA, TUNISIA, TURKEY AND YUGOSLAVIA). A MAJOR GOAL OF THE "PLAN" IS TO HARMONIZE ENVIRONMENTALLY RELEVANT ACTIVITIES OF COASTAL NATIONS, PARTICULARLY IN REGARD TO THE ESTABLISHMENT OF NEW SETTLEMENTS WHICH INCLUDE MUCH INDUSTRY OR TOURIST CENTERS AND TO THE INITIATION OF SUCH PROGRAMS AS OIL-DRILLING NEAR THE COAST. SEVEN PROPOSED PROGRAMS INCLUDE STUDIES OF OIL POLLUTION, THE EFFECTS OF DDT, PCB AND OTHER CHEMICALS ON THE WATER, THE EFFECTS OF POLLUTION ON PLANTS AND ANIMALS, AND THE ESTABLISHMENT OF WATER MONITORING AND ALARM SYSTEMS. A CONVENTION, WHICH WILL CONTAIN PROVISIONS ON POLLUTION DUE TO SHIP OR AIRCRAFT DISASTERS AND THE STORAGE OF WATER-ENDANGERING SUBSTANCES, IS TO BE PREPARED FOR PRESENTATION TO ALL MEDITERRANEAN NATIONS IN FEBRUARY 1976.

USSR

"A NEW STATE STANDARD FOR DRINKING WATER." VOENNO-MEDITSINSKII ZHURNAL

ANAN'EV, V. V. AND V. P. DUDOLADOV

LR(B) RUSSIAN 07/00/75 PGS 47-49 EPA ID# 026638

ALSO ST

THIS ARTICLE REPORTS ON A NEW ALL-UNION STATE STANDARD IN THE USSR FOR WATER USED FOR DRINKING AND ECONOMIC, TECHNICAL AND DOMESTIC PURPOSES (STANDARD NO. 2874-73), EFFECTIVE JANUARY 1, 1975. THREE SETS OF STANDARDS ARE PROVIDED: 1) PERMISSIBLE LIMITS FOR BACTERIA; 2) PERMISSIBLE CONCENTRATION LIMITS FOR CHEMICAL SUBSTANCES FOUND IN NATURAL WATERS, ADDED TO WATER IN TREATMENT PROCESSES, OR RESULTING FROM INDUSTRIAL AND AGRICULTURAL POLLUTION OF WATER SOURCES; AND 3) STANDARDS FOR ORGANOLEPTIC PROPERTIES OF WATER (AFTER-TASTE, COLOR, TURBIDITY, ODOR, PH) AND CONCENTRATION LIMITS FOR CHEMICAL SUBSTANCES WHICH MIGHT WORSEN THE STATE OF ORGANOLEPTIC PROPERTIES. THE STANDARD FURTHER SPECIFIES HOW OFTEN MEASUREMENTS OF HARMFUL SUBSTANCES IN WATER ARE TO BE TAKEN AND PROVIDES INSTRUCTIONS FOR THE EFFECTIVE TREATMENT OF WATER BY SPECIAL METHODS.

USSR

"ISSUANCE OF NEW REGULATIONS FOR PROTECTION OF SURFACE WATERS FROM POLLUTION BY SEWAGE (1974)." GIGIENA I SANITARIYA, NO. 1

CHERKINSKII, S. N.

LR(B) RUSSIAN 00/00/75 PGS 7-13 EPA ID# 02976A

THIS ARTICLE DISCUSSES NEW REGULATIONS FOR PROTECTION OF SURFACE WATERS FROM POLLUTION BY SEWAGE, ISSUED IN THE USSR IN 1974. THESE REGULATIONS EMBODY A BROADENING AND CLARIFICATION OF A SET OF REGULATIONS ISSUED IN 1961, AND INCLUDE: 1) PROHIBITION OF DISCHARGE INTO WATER BODIES OF UNPURIFIED SEWAGE FROM SHIPS AND INDUSTRIAL SEWAGE WHICH COULD BE ELIMINATED DURING THE PRODUCTION PROCESS; 2) PROHIBITION OF DISCHARGE INTO WATER BODIES OF SEWAGE CONTAINING SUBSTANCES FOR WHICH PERMISSIBLE CONCENTRATION LIMITS HAVE NOT BEEN ESTABLISHED; AND 3) PROHIBITION OF DISCHARGE OF SEWAGE INTO WATERCOURSES WITHOUT PERMISSION FROM APPROPRIATE AUTHORITIES. THE 1974 REGULATIONS EXPAND THE 1961 LIST OF TYPES OF SEWAGE APPLICABLE TO CONTROLS AND PROVIDE STANDARDS FOR MORE THAN 400 SUBSTANCES FOUND IN INDUSTRIAL WASTES. FISH PROTECTION INSTRUCTIONS HAVE ALSO BEEN EXPANDED IN THE 1974 REGULATIONS.

USSR

"BASIS FOR MAXIMAL PERMISSIBLE CONCENTRATIONS OF TRIETHANOLAMINE, AMMONIUM AND CALCIUM SALTS OF ALKYLBENZOLSULFATES IN WATER BODIES." GIGIENA I SANITARIYA, NO. 3
KORDONETS, V. YA.
LR(B) RUSSIAN 00/00/75 PGS 22-25 EPA ID# 02980A
ALSO ST

THIS ARTICLE CONCERNS THE ESTABLISHMENT IN THE USSR OF PERMISSIBLE CONCENTRATION LIMITS IN WATER BODIES FOR TRIETHANOLAMINE, AMMONIUM AND CALCIUM SALTS OF ALKYLBENZOLSULFONIC ACIDS. TRIETHANOLAMINE AND AMMONIUM SALTS ARE FOUND IN DETERGENTS, AND CALCIUM SALTS ARE USED AS EMULSIFIERS. THE ARTICLE DESCRIBES STUDIES CONDUCTED ON THE INFLUENCE OF THESE SUBSTANCES ON THE ORGANOLEPTIC PROPERTIES OF WATERCOURSES, SUCH AS ODOR AND AFTER-TASTE. IT WAS ESTABLISHED THAT THE DETERMINING FACTOR OF HARMFUL ACTION OF THESE SUBSTANCES ON WATERCOURSES IS THE FORMATION OF FOAM. THE PERMISSIBLE CONCENTRATION LIMITS RECOMMENDED ON THE BASIS OF THESE STUDIES ARE AS FOLLOWS: 1) TRIETHANOLAMINE SALTS - 1 MG/L; 2) AMMONIUM SALTS - 0.8 MG/L; AND 3) CALCIUM SALTS - 0.2 MG/L.

USSR

"HYGIENIC STANDARDIZATION OF TIN DIBUTYL DIISOOCTYLTHIOGLYCOLATE IN WATER BODIES." GIGIENA I SANITARIYA, NO. 2
IGUMNOV, A. S.
LR(B) RUSSIAN 00/00/75 PGS 13-17 EPA ID# 02992A
ALSO ST
*TOXIC SUBS

YUGOSLAVIA

"DEC. 28, 1973 DECREE PROMULGATING THE LAW ON INTERREPUBLIC AND INTERNATIONAL WATERS." SLUZBENI LIST SOCIJALISTICKE FEDERATIVNE REPUBLIKE JUGOSLAVIJE, VOL. 30, NO. 2
LR(A) SERBO-CROATIAN 01/10/74 PGS 10-13 EPA ID# 01424C
ENGLISH SUMMARY ATTACHED

THIS DECREE ESTABLISHES THE PRINCIPLES GOVERNING THE MANAGEMENT OF INTERREPUBLIC WATERCOURSES AND INTERNATIONAL WATERS. PROVISIONS LIKEWISE APPLY TO THE MARITIME COASTAL WATERS OF YUGOSLAVIA IN RESPECT TO THEIR PROTECTION AGAINST POLLUTION. A WATER USE PERMIT IS MADE MANDATORY FOR THE USE OF WATERS AND FOR THE DISCHARGE OF EFFLUENTS AND SUBSTANCES LIABLE TO POLLUTE THEM. A CLASSIFICATION OF INTERREPUBLIC AND INTERNATIONAL WATERS IS TO BE ESTABLISHED BY THE FEDERAL EXECUTIVE COUNCIL ON THE BASIS OF THE PURPOSES FOR WHICH THE WATERS ARE INTENDED. THE FEDERAL EXECUTIVE COUNCIL IS ALSO RESPONSIBLE FOR DESIGNATING THE DANGEROUS SUBSTANCES TO BE PROSCRIBED FROM INTRODUCTION INTO THE WATERS. FURTHER PROVISIONS DEAL WITH THE ADOPTION OF MEASURES TO REDUCE POLLUTION, AND WITH RESTRICTIONS APPLICABLE TO SHIPS AND FLOATING INSTALLATIONS. THE FEDERAL HYDROMETEOROLOGICAL INSTITUTE IS ENTRUSTED WITH SURVEILLANCE AND MONITORING. THIS DECREE REPEALS CERTAIN PROVISIONS OF THE 1965 BASIC WATER LAW.

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